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1884.

MILLER & HUNT.

WRIGHTS GROVE

CHICAGO ILL.

FLORISTS

J. C. DRAKE, Printer, Cor. Madison and Halsted Sts., Chicago.

PERPETUAL WHITE MOSS.

(For Description see page 30.)

THE inexorable march of time brings around another year, and with it the opportunity of extending a few words of greeting to our numerous friends and acquaintances. Some of these we have had the pleasure of meeting in social intercourse, but the greater part of those with whom we have been in correspondence these past years, we have never met personally.

As distance debars many of us from a friendly interchange of thought and experience, we are glad of the opportunity of placing before you the result of our study and observation the past season. The Catalogue we present contains the best plants, new and old, gathered during the past years, the descriptions of which are drawn principally from our own observation of their peculiarities and merits.

Inferior sorts having been discarded, and of the new ones, only those retained possessing intrinsic merit, we feel confident the collection before you will bear favorable comparison with any in point of selection and completeness. It will be noticed the majority of the engravings are original, having been executed expressly for this catalogue, from photographs of plants we have under cultivation. This is an expensive method of conveying an idea of their natural beauty, but far more truthful than the exaggerations seen in colored plates, the formation and coloring of which is too often artificial and imaginary.

Our Catalogue will doubtless fall into the hands of many this season for the first time, and we bespeak for it a careful examination and comparison. We do not come before you with a bugle blast proclaiming our superiority over all others; excessive self praise is repugnant to the intelligent mind, and we prefer to be judged by the character of the work we place before you. We could give hundreds of testimonials from patrons all over the land, but among those we are already acquainted with no recommendation is necessary. Our goods speak for themselves, making for us fast friends in every town, village and hamlet to which they have been sent, each returning spring bringing those friends back to us in increasing numbers, for the beautiful plants all love so well.

We are well aware this business, like most others, numbers among its followers unscrupulous dealers whose method of conducting business cannot fail to bring discredit upon all concerned. They are lavish in promises they never fulfill, and rely mainly upon relays of new customers each year to build up their trade anew. This is not our idea of doing business. We desire our friends to return to us, and for them to do this they must be satisfied. Our business is our livelihood, and it is our interest to treat our friends in such a manner they will not only return themselves, but bring with them also, their neighbors and acquaintances.

MISCELLANEOUS ITEMS.

These are designed as aids for those purchasing, and as a means of conveying to them our method of conducting business.

ORDERS FOR AMOUNTS LESS THAN $1.00.

These we cannot receive and fill unless ten cents is added for postage, as the trouble and expense of mailing nearly equals larger orders. If it is not added, postage will be deducted from amount sent.

HOW TO REMIT.

Do not send money loose in letters, as they are sometimes lost, and we cannot be held responsible in such cases. Register all letters, or get drafts on Chicago or New York, or P. O. order on Chicago. Private checks are not desired.

P. O. ORDERS.

Wright's Grove is a money order office, but as it is much more convenient for us to collect in the city, we would request that all orders be made out on the Chicago office.

PRIVATE CHECKS.

These cannot be received in payment for goods, unless twenty-five cents exchange is included.

MISSING PLANTS.

Late in the season we are sometimes sold out of a few varieties. When this happens and such plants are called for, we will supply the deficiency from our Novelty List.

AGENTS.

Do not give your orders to agents or to anyone representing himself as acting for us. **We employ no agents,** and parties claiming to be such are frauds. Send your orders direct to us, and we will give our personal attention to the correct filling of the same.

ORDERS FROM THE PROVINCES.

As the Canadian postal laws limit the size of mailing boxes to eight inches in length and the weight to six ounces, orders from Canada can be filled by **Express only.**

PLANTS NOT IN OUR CATALOGUE.

We sometimes receive an order for one or more plants taken from other Catalogues. We cannot furnish plants we do not grow. Confine your orders to **our Catalogue** and they will be filled with the best of plants, and with just the varieties you send for.

HOW TO ORDER.

We enclose order sheet with each Catalogue on which please write the names of the plants wanted, carrying out the price of each, and when complete see the sum total corresponds with the remittance. If you wish to write us do it on a **separate sheet.** A careful observance of this will save us much trouble, and greatly expedite the filling of orders.

LARGE PLANTS.

As many wish for large roses we have prepared a stock for this purpose. These are from four or five inch pots and can be forwarded **only by Express.** We would recommend all who live near an express office to order in this way, as we can usually send larger plants than is practicable by mail. We also add a number of plants whose value if computed, nearly covers the cost of transportation. A table will be found in another column giving the rate per 100 pounds to many prominent points. Customers ordering by express will please state whether they wish a part or all the earth removed from the roots.

PLANTS TRUE TO NAME.

Every precaution is taken to have all plants true to name, and to this end every plant has a printed label that can be read at a glance.

HOW TO OBTAIN PLANTS.

The transmission of plants through the mails has, during the last few years, assumed very large proportions. The art of packing for this purpose has in consequence received such attention and study that it has been reduced to a science, so much so that the tenderest plants may now be forwarded to the most remote districts of the Union without fear of damage or injury. So confident are we in our system of packing for this purpose, that we guarantee the safe arrival of all plants sent by us. Thus, it will be seen, the facilities for the acquisition of plants are so great, and their cost so low, there remains no reason why every family should not have its flower garden, or at least a collection of plants for the beautifying of the house. Larger plants may be obtained by express than through the mail, and, in cases where the express office is convenient, we would recommend the ordering of plants in this manner.

TREATMENT OF PLANTS RECEIVED BY MAIL OR EXPRESS.

In some cases, plants received through the medium of the mails will be found on arrival to be slightly wilted, especially if the weather is very warm, and the distance they have traveled, great. In cases like these there is no cause for needless alarm as they can easily be revived and brought back to their original freshness. Without removing the packing material, place the plants in a shallow pan or vessel of tepid water and allow them to remain immmersed for a period varying from twenty minutes to an hour, according to their condition. This will speedily restore their suspended vitality, and render them as fresh as ever. If any part of the tops are broken, promptly remove the damaged portions by means of a sharp knife and they will be none the worse for the operation. Care must be taken in the case of roses, to cut back the wood to an eye, so that the growth will immediately recommence and no unsightly dead wood will be the result. It must at all times be remembered that plants are exceedingly sensitive to sudden changes of temperature, therefore, if the weather is at all cold when the plants are received, care must be taken to avoid all unnecessary exposure of the roots to the air. Not so much danger is to be feared for the tops, as all our plants are inured to hardship from their infancy, and specially grown with a view to removal and exposure with the least possible injury.

ORDERS PROMPTLY FILLED.

Surprise has often been expressed by those ordering, at the short time elapsing between the giving of an order and the receipt of the plants. We have hundreds of letters upon this very point, but all who have entrusted their orders to us are so well aware of our promptness and dispatch in filling, we deem individual testimony unnecessary.

OUR REASONABLE PRICES.

We believe in large sales and small profits and have endeavored so to increase the **volume** of our business, as to be able to place our plants at the very **lowest price** at which **good stock** can be produced. In fact, wonder is often expressed by those receiving plants from us for the first time, at our ability to give so good an article for so little money.

THE SIZE AND VIGOR OF OUR PLANTS.

While we grow thousands upon thousands of Geraniums and other plants contained in our Catalogue, our space is largely occupied by **Roses.** These are propagated from cuttings during the spring and early summer, make their growth during the summer and fall months and being carried in cool houses during the winter, the wood ripens thoroughly and spring finds the plants in the very best possible condition for shipment, the wood being ripe and the roots large and strong. Plants like these make a vigorous, healthy growth whenever planted, and in value are far in advance of weak, spindling plants grown during winter in a high temperature. These have neither substance nor roots, and are actually dear even were they given away, as time spent with them is labor lost.

We know whereof we speak when we say, that in point of vigor, size and health, our plants are second to none.

Thousands who purchased of us last season tell us that they **never received such vigorous plants** from any house before. Right here may be found the secret of our success. The **perfect satisfaction** given every customer brings them back to us year by year, giving an assured trade which compensates us for furnishing the best that can be grown, for the least possible margin of profit.

TO OTHER FRIENDS

Or, those unacquainted with us we would say, **give us a trial order.** We know we can please you and that after one trial you will come to us again and again, without further solicitation.

OUR FACILITIES.

To those who may this season be in receipt of our Catalogue for the first time, will undoubtedly occur the thought, what are our facilities for transacting so large a business. In answer to such queries we would say, our houses are **double the capacity** of any other firm west of the Alleghany Mountains; in fact, we are equaled in extent by only three in the United States. This vast sea of glass, covering **two and one-half acres of ground,** is used mainly in the growth of **Roses,** giving us facilities and space surpassed by none.

Our nursery and trial ground is located in central Indiana, where also we have ten large houses devoted to the growth of cut flowers all of which are brought to this market. The greater part of our greenhouses, however, and those devoted exclusively to plant growth are located near the shore of Lake Michigan, four miles north of the City Hall. This is Chicago's nearest suburb, and from its proximity to the Lake is called Lake View, the precinct in which we reside being named Wrights Grove, the latter being our correct P. O. address. Persons desirous of visiting us can do so by taking a **city limits** car going north on Clark street, which starts from the City Hall every ten minutes, or the same car on State street, corner of Lake, either of which connect at the city limits, every half hour, with cars passing within one block of us.

MILLER & HUNT M&H CHICAGO. ILL.

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MAD. SALLEROI.

Our Premiums.

The premiums we presented to our friends last year, consisted exclusively of **plants.** These gave such general satisfaction and withal seem so appropriate for this use, we have again made selection of of some choice **new varieties** for this purpose. These rare and valuable plants have been carefully watched by us the past year, and we have no hesitation in saying they will please everyone who sees them. Their beauty and excellence are such all will want them, and their cost being trifling, none need be without them. Those we offer this season are

MAD. SALLEROI, MYRTUS MULTIFLORA and MIGNONETTE.

DESCRIPTION OF PREMIUMS.

Madame Salleroi. This new silver-leaved, variegated Geranium was imported one year ago and has proved the most remarkable production of its type. Its unusual perfection and symmetry of form, seldom exceeding a height of ten or twelve inches, together with its density of foliage, render it one of the most attractive objects of the garden or lawn. Left alone to Nature's care it is immaterial whether grown in pots, planted singly or used in rows or borders, its perfection is the same, fairly rivaling in form the best production from the hand of the skilled pruner. The variegation of foliage is also very marked and in striking contrast with that of the Zonal varieties. It is a perfect gem of its kind and will ever be a favorite with plant lovers. Our artist has endeavored to represent some of the characteristics of this novel plant. The engraving, however, hardly equals Nature's modeling.

MYRTUS MULTIFLORA.

Myrtus Multiflora. A beautiful evergreen shrub with dense, deep green foliage and pure white flowers of most delightful fragrance. This variety is generally regarded as the myrtle of scripture, where in many places it is mentioned as being symbolical of happiness and prosperity and as rising up to replace the thorn and brier of the wilderness. Not alone in holy writ is mention of this fragrant shrub to be found, but in the writings of the ancient poets where it rivals the rose itself in the tributes of praise and admiration it excites. Among the Jews, to this day, it is regarded with peculiar veneration and is largely used in many of their most solemn and impressive religious rites. The spray represented in the accompanying engraving gives some idea of the beauty and symmetry of growth which distinguishes this plant. An idea of its aromatic odor, emitted from leaf and flower alike, cannot be conveyed by description alone. We have pleasure in presenting our friends with this plant, interesting because of its antiquity, and most desirable as a decorative house plant.

Mignonette. This is one of the new Polyanth. roses of the same class as Anna Marie de Montravel. From a photograph of a plant grown by ..ast season, we had an engraving made of this beautiful variety which will be found on page 24. Mignonette differs from this only in foliage and color, the former being more dense and full, while the flower is more compact and of a beautiful soft rose color, is very floriferous and forms a marked and pleasing contrast to the pure white of the other varieties.

TERMS

Upon which these Premiums will be given.

For an order of $1.00, the purchaser has a choice of any one, or all, of the three premiums named by sending 10 cents additional for each one wanted. If two are selected, send 20 cents additional, if three, add 30 cents to your original order.

To **prevent any misunderstanding** we state these terms still more distinctly.

For $1.10 you are entitled to any **one** of the three premiums and $1.00 worth of plants as priced in this Catalogue.

For $1.20 you can choose any **two** of these premiums in addition to the $1.00 worth of plants selected by you.

For $1.30 you can select $1.00 worth of plants, and we will send in addition all **three** of these premiums.

ORDERS OF $3.00.

To anyone sending us an order of $3.00 at **one time**, we will send any plants they may select from our Catalogue to the amount of $3.00 and will in addition present them **free** with **all three** of the foregoing premiums.

ORDERS OF $5.00.

To anyone sending us $5.00 accompanied by an order for its value in plants of their selection, we will give **free** the three premiums named and the purchaser may select **without additional cost** any **two** plants **quoted at 25 cents each**, found under the head of "New and Scarce," on pages **14, 15, 32** and **33.**

ORDERS OF $10.

Anyone sending us $10 in payment of plants they have selected from our Catalogue, will be entitled to and will be given the same premiums as are allowed on orders of $5.00, in addition to which they may select any **two plants** from our list of "New and Scarce," the quoted price of which is 50 cents each, on pages **14, 15, 32** and **33.**

ORDERS OF $15.

For a remittance of $15 the purchaser may select the same as given on an order for $10, and in addition any **two plants contained in this Catalogue**, the price of which does not exceed $1.00 each.

THOSE WHO ORDER MORE THAN ONCE.

Many of our customers order several times during the season, and after the first or second order find themselves supplied with all our premium plants. When this is the case and customers sending us their second, third or fourth order during the spring and find themselves already in possession of our premiums, by adding 10 cents to each additional dollar sent, they may select any one plant priced at 25 cents from our list of "Plant Novelties" on pages, **14, 15, 32** and **33.** In other words for $1.10, one dollar's worth will be sent together with a new plant worth 25 cents. If $2.20 are sent, two plants may be selected, etc.

This privilege will be accorded only to customers who have sent us one or more orders and already have the three special premiums we offer.

RESERVED RIGHTS.

We have always raised a large house full of plants to **give away** to our customers, and notwithstanding our **premium list** is the most **elaborate** and **valuable** of any ever offered before, we shall continue the same liberal method pursued by us in the past and trust our friends will not complain if they sometimes find themselves burdened with the care of more plants than they sent for.

CLUB ORDERS.

WHAT IS A CLUB ORDER?

Many persons who receive a Catalogue desire to canvass among their friends and acquaintances and in this way obtain for their own use a collection of plants without cost save the trouble of forming the club. The object we have in giving such liberal terms to those forming clubs, is to place our Catalogue before those whom it might not otherwise reach, and it is not expected that clubs will be formed among those in the habit of purchasing for themselves, but from among such as might not otherwise have an opportunity to obtain the plants. Our condition in the filling of these orders is that in **all cases** the **full name** and address of each member of the club must be given with the plants of their choice, that there be no mistake on our part in labeling the plants to the different members forming the club. The person organizing the club must also give his or her full name, and the plants will all be sent to his or her address for distribution. Each member of the club is entitled to any or all of the three premiums named by sending 10 cents extra with their order for each premium wanted.

Members of the club who order $3.00 worth of plants or more, will be given the same premiums as are accorded individual orders of like amount on page 7.

We give a liberal percentage to the originator of the club, but no extra plants will be allowed on account of money sent for the 10 cent premium plants. For instance: A club of ten persons sending $1.00 each and 10 cents additional for a premium, the originator will be entitled to a percentage on the $10.00 but not on the $1.00 sent for premiums.

ORDER SHEETS.

Persons desirous of forming clubs will be furnished with extra order sheets and Catalogues upon application.

CLUB ORDERS SENT BY MAIL.

No club order will be received for a less sum than $3.00.

For a club order of $3.00 the person organizing the club may select for himself plants to the amount of 60 cents and we will give free any **one** of the three premiums on page 5.

For a club order of $4.00 the person organizing the club may select for himself plants to the amount of 80 cents, and we will give free any **one** of the three premiums on page 5.

For a club order of $5.00, the person organizing the club may select for himself plants to the amount of $1.00 and we will give free any **two** of the three premiums on page 5.

For a club order of $6.00, the person organizing the club may select for himself plants to the amount of $1.25, and we will give free any **two** of the three premiums on page 5.

For a club order of $7.00 the person organizing the club may select for himself plants to the amount of $1.40, and we will give free any **two** of the three premiums on page 5.

For a club order of $8.00, the person organizing the club may select for himself plants to the amount of $1.60, and we will give free any **two** of the three premiums on page 5.

For a club order of $9.00, the person organizing the club may select for himself plants to the amount of $2.00 and we will give free any **two** of the three premiums on page 5.

For a club order of $10.00, the person organizing the club may select for himself plants to the amount of $2.50 and we will give free all **three** of the premiums on page 5.

For a club order of $15.00, the person organizing the club may select plants to the amount of $3.50 and we will give all **three** of the premiums on page 5.

CLUB ORDERS BY EXPRESS.

The organizer of a club order to go by Express will be given the same premiums as are given on orders sent by mail. The percentage that may be drawn in plants on orders sent by Express is greater than on those by mail and will be as follows:

For a remittance of $ 3.00 you may select plants at Catalogue prices amounting to $ 3.75.
" " " 5.00 " " " " " " " " " 6.50.
" " " 10.00 " " " " " " " " " 14.00.
" " " 20.00 " " " " " " " " " 30.00.

When Club orders are sent by Express, the person ordering must pay the Express charges.

In all Club Orders, whether by Mail or Express, **the full name of each person comprising the Club must be given with their order**—the plants will then be labeled to each—but all will be sent to the address of the one getting up the club.

EXPRESS RATES.

Last year we gave a table of the time taken for transporting the mails from Chicago, to different points. This year, by request, we give the Express rates per 100 pounds, to various places in the States. A package of plants costing $5.00, will weigh from 10 to 30 pounds, in proportion to the amount of soil left remaining on the roots, and one costing $10.00, from 20 to 50 pounds. The rates from Chicago, per 100 pounds, are as follows:

Sedalia, Mo., $3.00.
Hampton, Va., $2.50.
Galveston, Texas, $5.50.
Louisville Ky., $1.75.
Pensacola, Fla., $5.25.
Wheeling, W, Va., $2.50.
Macon, Ga., $5.25.
Boston, Mass., $2.50.
Ft. Scott, Kan., $2.75.
Hannibal, Mo., $1.75.
Paris, Mo., $2.30.
St. Louis, Mo., $2.00.
Kansas City, Mo., $2.50.
Nashville, Tenn., $3.00.
Cairo, Ill., $2.00.
Cincinnati, O., $1.75.
Charleston, S. C., $7.00.
Milwaukee, Wis., 50c.
Tuscaloosa, Ala., $6.00.
Indianapolis, Ind., $1.25.
Baltimore, Md., $2.00.
Little Rock, Ark., $3.25.
Denver, Col., $6.50
Mobile, Ala., $5.00.
Jackson, Miss., $5.75.
Chattanooga, Tenn,, $3.75.
Buffalo, N. Y., $2.25.
Madison, Wis., $1.25.
Cleburne, Tex., $5.25.
Waco, Tex., $3.50.
Washington, D. C., $2.00.
Dallas, Texas, $4.75.
Omaha, Neb., $2.50.
Jacksonville, Fla., $6.75.
New Orleans, La., $4.50.
Atlanta, Ga., $4.75.
New York, N. Y., $2.50.
St. Paul, Minn., $2.50.
Ft. Smith, Ark., $5.50.
Sherman, Tex., $4.50.

In sending goods by Express, there are two important things to be accomplished. First, to keep the charges for delivery as low as possible, which can be done by light and systematic packing, and second, to send by the most direct route. Customers often write, "send our goods by Southern," "by Texas," or "by Wells Fargo Express." The companies doing business in Chicago are the American, Adams, United States, Pacific, and Baltimore and Ohio, but all these have direct connections with the companies mentioned, and through them we can reach all parts of the Union. Whenever any of the companies having offices in Chicago are represented in your town, it would greatly facilitate shipments if you would direct in your order which to send by. In case no Express company from here has an office at your place, if you will state what company is represented there, we shall know just whom to give your package to in order to have it reach you with the least possible delay.

HOMES MADE BEAUTIFUL.

THE care and cultivation of flowers is, without doubt, the happiest and most enjoyable of all recreations. It is accessible, in some phase or other, to all classes of society, rich and poor, alike; and it is, moreover, of all delights, that which retains the longest its manifold powers to please.

Their association is productive, in a remarkable degree, of refinement and culture, and, the remark once made by a noted French writer, "Show me a family where flowers are loved and cherished, and I will show you a family where refinement reigns," is one of the greatest truisms that was ever uttered. Nothing adds so much to the brightness and cheerfulness of a home as they do. Decorators and furnishers may exhaust the resources of their art in the endeavor to make a dwelling beautiful, but the result cannot be said to be in any sense complete without a judicious use of plants and flowers. Without them, a home is dull, cheerless and bereft of one of its principal adornments. They form a beautiful natural and artistic ornament, and their presence transforms the most humble apartment into an abode of elegance and grace. The decorating and beautifying of a home by means of plants and flowers possesses one great advantage over all other methods, and that is, it can be effected at a cost that is almost infinitesimal.

What has been said of the interior of a home may be applied with equal force to the exterior. A house surrounded with a neat and well-kept garden is an object which the most superficial observer cannot help admiring and appreciating. It is a standing testimony to the habits and inclinations of the inmates, and is a sure and certain sign that cheerfulness and order will be found within. The operations, too, necessary for keeping a garden in order are healthy and invigorating, and form one of the most pleasant occupations for the leisure it is possible to conceive. It is an amusement that never palls upon its votary, and it differs from all other pleasure from the fact that the more it is indulged in, the greater the zest for its pursuit becomes.

FIRST and foremost among all flowers stands the Rose, the Queen of Flowers, as she is justly termed, enthroned by virtue of her perfections and beauty. The grace and elegance of her foliage, the marvelous tints and colors of her flowers, and above all her delicious fragrance, are all themes of which poets have sung and writers recounted from all time. It is needless to travel an oft-trodden path in the enumeration of her perfections—they are numberless, beyond mention—and her dominion extends wherever civilization is known; and no more loyal subjects are found than those of Queen Rose, ready at all times to sing her praises and extol her beauty.

The Rose is one of the easiest of flowers to grow, and therefore, especially suitable for those whose gardens are limited in extent, or whose time is taken up with other affairs and have not the leisure to attend to plants of a more delicate nature. It succeeds well in pots in the dwelling house, and also planted in the open ground; and while no plant makes such liberal returns for generous treatment as the Rose, it will thrive and do well in locations and positions generally considered the most unfavorable. The buds and flowers are more highly prized for personal adornment than any other flowers, while the outlay of a few dollars in suitable plants will enliven and beautify the garden from early spring until far into the fall, when the frosts of winter begin to make their appearance.

ON THEIR OWN ROOTS.

All the Roses offered in this Catalogue, save three, are grown from cuttings and are consequently on their own roots. In the description given these in another part of the Catalogue, the fact of their being budded plants and the reason why, is given. (See description of Baroness Rothschild.)

SOIL FOR POTTING.

One of the principal ingredients of success in pot culture is to have a proper and suitable soil. The amount at the disposal of the roots is necessarily limited, and they are unable to ramify and search after nutriment, as they would if planted in the open ground, therefore it is of primary importance that the soil should be good. The best of materials for this purpose is a mixture composed of a well rotted sod taken from an old pasture, and a little decomposed manure thoroughly incorporated with it. The addition of a little sharp sand is sometimes an advantage, particularly if the soil is inclined to be heavy and sticky.

POTTING AND WATERING.

When the plants are received they should be placed in pots one size larger than they have been in before. It is a serious mistake, and one that many people are guilty of—putting them in pots too large. No plant ever thrives and does well that is overpotted, as the soil becomes sodden and sour before the roots have time to reach the sides of the pot. Moreover, the smaller the pot the sooner it will become filled with roots and the period of blooming hastened accordingly. If the pots to be used are old, they should be thoroughly washed, both inside and out, before the plants are placed in them, and if new well soaked in water, otherwise they will absorb the moisture from the plant, and it will be a matter of difficulty to get the soil wet again.

ROSES IN OPEN GROUND.

Although roses may be grown successfully in pots, and flourish under the confinement which it entails, there is no doubt, but for them to arrive at the perfection of their beauty, and the zenith of their glory, they should be planted in the open ground. There with unlimited room, and the full benefit of the light and sun, they grow and prosper, and produce their marvelous flowers in unlimited profusion. They seem as it were, to revel in freedom, and, provided the situation is favorable, and the conditions under which they have been planted such as they require, they grow as freely as the most common flowers of the garden. These conditions are, that they be placed in suitable soil, that they be kept clean and free from insects and weeds, and that water be given them whenever necessary.

And now, a few words with respect to soil, a most important matter if the amateur is desirous of of rising above the average, and producing buds of more than ordinary size and beauty. Good rich soil such as is suitable for peculiar rooting plants like roses, is one moderately stiff or binding. If you then possess such a soil, increase its value and fertility by spading it deeply and manuring it liberally and well. Soils which are light naturally, are wanting in binding capacity. What is needed, is that they should be thoroughly manured, but not maintained loosely. Place as much manure as possible in such soils, and put it in deeply, and when this is done, so tread and firm the soil down that it becomes as compact as possible. By thus making the soil solid, the roots of the roses will find a more congenial home, and the best that can be done has been insured in regard to such soils.

INSECT ENEMIES.

Of all the difficulties which the rose grower has to contend against, none are so great as that which results from the attacks of insects. Therefore, keep your plants clean and healthy, and the danger from insects will be small.

The Aphis, or Green Fly, as it is commonly called is a small fly which infests the young branches, and if not destroyed, speedily ruins the plants. Their powers of increase, under favorable circumstances, are nothing short of miraculous, but, fortunately, their tenacity of life is not great and they are easily destroyed. This is best effected by tobacco, either in the form of an infusion or by means of smoke. For the perfect annihilation of these pests on plants growing in the open ground, nothing, in our opinion, equals a strong tea of tobacco mixed with a solution of quassai, and applied to all parts of the foliage by means of a syringe. It not only kills every insect it touches, but more important still, it destroys the eggs, and thus gets rid of the possibility of future trouble from the same source. In the case of pot plants, tobacco smoke may be conveniently used for the purpose in several ways, as these can be removed to a suitable place and the smoke applied without difficulty.

Red Spider is another destructive pest that the grower must guard against. Their presence can be easily detected by the brown and scorched appearance of the leaves. They delight in hot, dry weather, and hence their appearance may be looked for when the summer is unusually dry. They not only spoil the looks of the foliage, but so check the growth as to interfere seriously with the fall blooms. The best and only sure antidote for these unwelcome visitors is constant syringing. They have an utter dislike to water and its free application speedily destroys them.

Mealy Bug is rarely found on plants growing in the open air, and does not, in any case, effect roses much. It is a repulsive looking insect, somewhat resembling small balls of cotton, and is generally found at the joints of the leaf stalks. Tobacco, sulphur and other ordinary remedies are useless against it, in fact it seems rather to like them than otherwise. It can only be destroyed by the application of alcohol diluted to about half its strength with water and carefully rubbed into the joints with a small brush.

Mildew. Of all the evils which afflict the rose, none is so unsightly in appearance and so injurious in effect as the fungus known as mildew. It consists of a light, powdery substance, which makes its appearance on the leaves and causes them to curl up. Authorities differ widely as to the cause of this disease, but it is generally supposed to be the result of exposure to great extremes of temperature, or to a torpid condition of the roots. The best preventative is to induce by every possible means, a healthy growth. Stirring the surface of the soil so as to admit the air will prove of the greatest benefit. An effectual means for exterminating this evil will be found in dusting the leaves with fine powdered sulphur. This appears to act like a charm in destroying mildew, and is, in our opinion, the only reliable remedy.

PERLE DES JARDINS.

(For Description see page 19.)

WINTER PROTECTION OF ROSES.

In localities and districts where the winter is very severe, the more tender varieties of roses, such as Teas, cannot be left out in the open ground without being destroyed, unless they receive adequate protection. It is a rather difficult matter to say how far north Tea roses will stand the winter, but our observation leads us to believe they are hardy in all districts south of the 40th parallel. Perhaps they will survive considerably further north than this with a slight protection, but, as a rule, they are best taken up and removed into some safe place, secure altogether from the frost. This, however, is a very troublesome process, and their preservation and care during the winter entails considerable work. In cases where it is considered necessary, the plants may be taken up and placed in shallow boxes, or better still, in pots. They can then be stored in a room or cellar not too warm. They should, at the same time, be cut back a little and weak wood removed. They will require very little water during the winter, indeed, the less they get, commensurate with keeping them alive, the better. The soil in which they are placed is of very little moment, as they will not be expected to grow much during their confinement.

Hybrid Perpetuals are generally considered perfectly hardy in all parts of the country except the extreme North. In districts north of the 40th parallel, it will be best to give them some protection, not that the frost will kill them, but when exposed for any length of time to a very low temperature, the blooming properties are apt to be injured in consequence. They can be securely protected from the frost by bending them down to the ground and covering them lightly with straw or litter of some kind. Some people advocate dispensing altogether with straw litter and such like in winter protection, and rely mainly upon the earthing-up system. This consists of throwing up the soil to a height of ten or twelve inches around the plant, the other parts to go without any covering at all. The advantages claimed for this system are that it is cleaner and not liable to harbor vermin, such as mice and other animals, as litter and straw. If the tops are damaged at all during the winter, they can be removed in the spring and the plants will speedily recuperate.

New and Scarce Roses

TEAS.

SUNSET. This is a sport from the well-known rose Perle des Jardins, and is said to have inherited the vigor of growth and beautiful foliage of its parent. The color of the flower is a fine dark apricot. **$1.00.**

ANDRE SCHWARTZ. This rose was offered to the trade last spring with a great flourish of trumpets. The particular excellences claimed for it, were its freedom of bloom, coupled with its deep, glowing crimson color, and was introduced under the misnomer of the "Tea Jack" from its supposed resemblance in color to the world-renowned Gen. Jacqueminot. We have had it under cultivation for eight months, and must say we are very much disappointed in it. It has been so widely advertised many customers will want it, consequently we give it place in our Catalogue, but at a price commensurate with its merits. **25c.**

L'ELEGANT. Of medium size, good full shape; color, vivid rose, centre yellow, shaded and striped white; very free bloomer. **$1.00.**

PRINCESS OF WALES. Moderately vigorous; flowers large and of perfect form, the outside petals rosy yellow, the centre rich, deep golden yellow, the color being exceedingly chaste and very waxy in appearance; opens well; buds very long and pointed. **35c.**

MAD. CHEDANE GUINOISSEAU. A beautiful rose. Bud long and well formed; color, clear lemon yellow. **25c.**

EDITH GIFFORD. Very large, full, fine shape; color, fleshy white, centre slightly tinged with yellow and salmon pink; an abundant bloomer; very fine. **35c.**

MAD. REMOND. Medium size, handsome form; color, yellowish white, centre darker; very fragrant and very fine; an excellent variety for forcing. **25c.**

JEANNE ABEL. Medium size, color, light pink, centre shaded to deep rose. **35c.**

BARON DE ST. TRIVIERS. Vigorous habit, wood not very thorny, flowers very large, semi-double and of fine form; color, a delicate flesh rose; it is a fine winter bloomer. **35c.**

LOUISE DE LA RIVE. Habit vigirous, flowers large, double and of fine form; imbricated; color, a beautiful flesh white, inclining to rose in the centre; a magnificent variety, one of the most beautiful of its class; blooms constantly during the winter. **50c.**

HYBRID PERPETUAL.

ALEXANDER DUPONT. Very large, fine shape, color, purplish red shaded crimson; fine, free bloomer. **50c.**

EARL OF PEMBROKE. A vigorous grower; color, very soft velvety crimson, enlivened on the margin of the petals with bright red; quite distinct and good for all purposes. **25c.**

ERNEST PRINCE. Very vigorous; flowers very large; color, light red, deeper in the centre. **25c.**

FRANCOIS OLIN. Vigorous; flowers large, full and well formed; color, cerise. **50c.**

HEINRICH SCHULTHEIS. Very vigorous; flowers exceedingly large, of first rate form and very full; color, very delicate pinkish rose, a great improvement in this shade; very sweet scented; thoroughly perpetual; a grand show rose. **50c.**

MARIE LAGRANGE. Large, sometimes very large; color, purplish crimson; free bloomer. **35c.**

MAD. BIANCHI. Globular and imbricated; of good form and bearing; very fragrant; light rosy lilac, much brighter at the centre; silvery white on the reverse; very free, being a seedling from "Victor Verdier." **35c.**

MAD. AMPERE. Flowers large and fine; color, rich crimson, shaded purple. **35c.**

MAD. RAMBAUD. Dark, heavy foliage; strong grower, of the "Victor Verdier" type; blooms when expanded larger than variety named, and of a lighter shade of crimson. **35c.**

SOUVENIR DE MADAME BERTHIER. Very vigorous; flowers very large, full and of fine form; color, beautiful bright red; seedling from "Victor Verdier." **25c.**

ULRICH BRUNNER. Vigorous; flowers large and full with large petals; color, cerise; seedling from "Paul Neron." **25c.**

BOURBON ROSE.

ABBE GIRARDIN. Vigorous; flowers large, full and well formed; color, soft satiny rose, deeper in the centre; very distinct and as florescent as "La France." **50c.**

NEW YELLOW POLYANTHA ROSE.

PERLE D'OR. This is a new and striking rose, similar in character and habit of growth to Anna Marie de Montravel. The flowers, however, are larger and if possible produced in still greater numbers than those of that valuable variety, but the great difference lies in the color which is a beautiful nankeen yellow with vivid orange centre; the petals are slightly imbricated and overlap each other, giving the flower a very double appearance. We regard this as one of the most distinct and valuable novelties introduced for many years. **$1.00.** Ready April 1.

ROSA RUGOSA.

COMTE D' ESPREMESNIL. Vigorous; flowers lilac, large, semi-double and very fragrant; this is a seedling of the Japanese rose and like its parent is highly esteemed for its beautiful glossy foliage; it is perfectly hardy and a valuable plant for lawn decoration. **50c.**

ETOILE DE LYON.

(For Description see page 17.)

TEA ROSES.

These are distinguished for the fragrance and delicate tints of their buds; but the most valuable property of all is the endless profusion in which they produce their exquisite flowers during the greater portion of the year. Hence they are called ever-blooming. Moreover, their foliage is evergreen and constantly retains its beauty the year around. They are not so hardy as the Hybrid Perpetuals, and succumb more readily to the rigors of winter. In the Southern States, where they can remain out without protection during the winter, they flourish luxuriantly, but in the North they require protection or removal to a place secure from frost.

General Collection.

Price 10 Cents Each, Unless Noted.

When selections are left to us we give **12** for **$1.00**, all of them prominent and popular sorts; or for **$1.10, 13** roses, our selection, including one Premium on page 5.

Adam. A lovely rose: bright fresh carmine pink; extra large size, very double and full, free bloomer, delicious tea scent.

Aline Sisley. A splendid variety. Flower is large, very full and double; exceedingly sweet; color, a rare shade of violet red, brightened with crimson maroon; makes elegant buds.

Anna Oliver. A superb rose. Very large, full form; very double, and of good substance; color, lovely creamy blush, shaded with deep carmine.

Arch Duchesse Isabella. A beautiful bedding and house rose. Large, full form, perfectly double; delightfully fragrant; white, shaded with rosy carmine changing to amaranth; makes lovely buds. A constant and profuse bloomer.

Bella. Pure white, good size and form, tea scented. Splendid large pointed buds.

Baron Alexandre de Vrints. Delicate rose, with lines of red and white; flowers of medium size, perfectly formed and borne in clusters of five or six. Very free and vigorous.

Bon Silene. Noted for the great size and beauty of its buds; color, deep rose; this rose is used largely in floral work and is highly esteemed for its rich, dark color and beauty of form; planted in the garden it is invaluable for cutting, its color forms such a pleasing contrast to the lighter varieties.

Catherine Mermet. A very bright, rosy flesh color; makes beautiful buds. Flower large, full; finely formed; vigorous habit; one of the most perfect Teas in cultivation.

Clement Nabonnand. A strong grower and blooms freely. The flower is not very double, cream shaded lilac.

Comtesse de Casserta. Flowers large with thick petals, not very double, but yielding fine buds of a bright copper red passing to magenta; buds long; not a show rose but splendid for bouquets. A vigorous grower and free bloomer.

Comtesse Riza du Parc. The flowers of large size; very double, full and sweet; color, bright coppery rose, tinged and shaded with soft violet crimson; a strong grower and profuse bloomer.

Comtesse de Labarthe. Few roses equal this in freedom of flowering; none surpass it in either fragrance or vigor. The flowers are richly and peculiarly colored. Rose, heavily shaded with amber and salmon.

Charles Rovolli. A charming rose. Large, fine flower, very full and fragrant. Color, a lovely shade of carmine changing to silver rose.

Cornelia Cook. Unquestionably the largest and most perfectly formed Tea Rose grown. Pure white, sometimes tinged with lemon; very full and double, and as symetrical as a Camellia. It is a strong grower, and flowers very freely on strong plants, but young plants cannot be expected to produce many or perfect blooms. Where it can be planted out to remain year after year, we know of few roses of this color so desirable.

Duchess of Edinburg. Some authorities claim this contains Bengal blood, but it so strongly resembles the Teas in all its predominating characteristics, we place it where it seems to us, to belong, among the roses of this class. In growth it is strong and vigorous, though of dwarf habit, producing a profusion of dark, velvet crimson flowers; when in bud it is very beautiful in form, while the color more nearly resembles the renowned Gen. Jacqueminot than any ever-blooming rose known to us. We have grown it largely for cut flowers for several years, as we obtain in it a color possessed by no other Tea rose.

Etoile de Lyon. In color a brilliant sulphur yellow, very large and full, of handsome form and very fragrant; the habit of the plant is fine, the growth strong and vigorous. For out-door planting there is no more satisfactory rose of this color, bearing at its best a strong resemblance to M. Neil in both color and size of buds. **20c.**

Gen. de Tartas. A first-class rose for bedding; brilliant carmine, deeply shaded with violet purple large size, very double, full and fragrant.

Isabella Sprunt. Canary yellow, beautiful buds, very sweet; profuse bloomer.

Jean Pernet. Beautiful pale yellow; large, very full and double; tea scented; a splendid rose.

CATHERINE MERMET.

(For Description see page 17.)

Jean Ducher. Noted for its rich and peculiar coloring; dark yellow, heavily shaded with peach, double.

Jules Finger. A charming rose; flowers full and finely formed; color, bright rosy scarlet, beautifully shaded with intense crimson; very fragrant; a vigorous grower and free bloomer.

La Princess Vera. A vigorous rose, flowers very large and full, perfectly double. Color, creamy white; outer petals copper yellow. It produces large pointed buds, resembling those of Marie Guillot in shape, but larger. Is especially fine for summer and autumn bloom.

Letty Coles. A splendid rose, one of the finest varieties recently introduced; full globular form, very sweet; color soft rosy pink with carmine centre. **20c.**

Louis Richard. Very double; delicious tea scent; color rich coppery rose changing to buff.

Mad. Bernard. A grand rose; large, full form, very double and exceedingly sweet; color, fine apricot yellow, sometimes golden yellow, faintly tinged with blush.

Mad. Bravy. Rich creamy white, with blush centre; perfect form, large and very sweet.

Mad. Brest. Large buds of bright rosy red, expanding to beautiful double flowers of a delicate shade of pink; a free grower of handsome shape and easy of cultivation.

Mad. Cecil Berthod. A grand rose, extra large size; deep, clear yellow, good full form, very double and sweet; tea scented; one of the finest.

Mad. Damazine. Beautiful salmon rose changing to amaranth and bright pink; large, very double.

Mad. Falcot. Fine apricot yellow, with beautiful orange buds much valued for bouquets. Tea scented, a constant bloomer, of medium size and fullness.

Mad. H. Jamain. A splendid variety, large and very double; fine cup form; white, with yellow centre, shaded with pink, tea fragrance.

M'lle Lazarine Poizeau. Deep, orange yellow; a very rare and remarkable color; medium size.

Mad. Margottin. This is a grand rose, always a favorite. Very large, double flowers highly perfumed; color, beautiful dark citron yellow, with bright red centre; a strong grower and quite hardy.

Mad. Welche. Vigorous and erect in habit, branching regularly, with large handsome foliage; flowers are very large and double; well formed; color, soft apricot yellow, with dark orange centre, sometimes shaded with copper red; a free and continuous bloomer.

Mad. Lambard. Centre purplish rose, outer petals orange, shaded with rose; variable, but always handsome; flowers very large and double, of excellent form.

Mad. Joseph Schwartz. Color, white flushed with light pink; blooms in clusters, the flowers being of medium size and well formed. This rose is a seedling of Comtesse de Labarthe, and partakes of the form and habit of that rose. Our engraving in the back part of Catalogue gives a fine representation of this beautiful rose, all save in color, which is very pleasing to the eye. The rose is new and classed by most among their novelties. Being desirous that our friends should have the opportunity of availing themselves of this very desirable variety, we have placed it, as well as many other new roses, at a low price. **15c.**

M'lle Rachel. A lovely Tea rose; pure snow white, very double, deliciously scented; makes beautiful buds. Is an elegant rose for either house culture or open ground.

Marcelin Roda. A splendid rose, of fine form, very full and double and exceedingly sweet. Color, pale lemon yellow, deepening towards centre to golden yellow. Lovely buds and flowers.

Marechal Robert. A splendid rose, large, full globular form, very fragrant. Color, pure white, faintly tinged with carmine.

Marie Guillot. A splendid rose, first-class in every respect. Color, pure white, shaded at centre with golden yellow. Extra large size, full and double, very sweet tea scent.

Marie Van Houtte. Light yellow, with a distinct and beautiful line of pink along the edges of the petals. The effect of this coloring is charming. Blooms freely and grows vigorously.

Marie Sisley. An elegant rose, full and double, delicious tea scent. Color, an exquisite shade of pale yellow, broadly margined with bright rose.

Niphetos. An elegant tea rose, very large and double; deliciously sweet; color, pure snow white; highly valued for its lovely buds, which are very large and pointed, and borne on long stems.

Perle des Jardins. Canary yellow, often golden yellow; of the most beautiful form and very large. The buds are very handsome. It is a strong grower, and the foliage alone is handsome enough to make it a favorite. It supplies the place among dwarf roses that Marechal Niel occupies as a climber. Undoubtedly the finest yellow rose in cultivation.

Rosa Flora. Bright carmine to rosy blush; fine form, large, very double and full.

Rubens. Lovely pale yellow slightly tinged with fawn; very sweet; full, large, fine form and very desirable.

Safrano. Bright apricot, changing to salmon and fawn, beautiful orange buds; a constant and profuse bloomer; used largely in bouquets, baskets, and all kinds of flower work; the leading rose of its color.

Sombreuil. Pure white, edged and tinged with silvery rose, very sweet, large and double.

Souv. de George Sand. Very vigorous, flowers large and perfect in form; color, salmon rose, with reverse of petals shaded amaranth. Very fragrant.

Souv. de Mad. Pernet. An elegant rose; flower large and finely formed, very double and sweet; color, soft rosy crimson, tinged and shaded with clear yellow; distinct and very desirable.

Souv. D'Elise Vardon. This is a lovely rose; entirely distinct, elegant cupped form, very double and full; exceedingly fragrant; color, creamy white, delicately shaded with pink; petals frequently edged with a broad margin of bright rose producing a beautiful effect.

Souv. de Marie Detry. An elegant rose, large size; full, regular form; very double and sweet; color pure white, beautifully flushed and tinted with soft rosy crimson; makes lovely buds.

Souv. d'un Ami. Fine delicate rose, shaded with salmon, very large, full and double; fragrant; a vigorous grower and free bloomer. A very popular rose. Should be in every collection.

Sulphurea. Clear sulphur yellow; pointed buds.

Vicomtesse de Cazes. Reddish gold with coppery yellow centre; very large, full and double; delicious tea scent. Particularly distinguished for its delicious perfume.

EVER-BLOOMING CLIMBERS.

The Noisettes and Climbing Teas are embraced in this class, and are known as "Ever-blooming Climbers," as they are simply Tea Roses with a climbing habit of growth. They are very beautiful and popular roses, and in favorable localities where they can remain permanently planted out year after year without fear of frost, form glorious masses of bloom. They may be made to cover large trellises or walls, and after having been trained to cover a prescribed space, pruning should never be allowed save to remove surplus wood.

Price 10 Cents Each. Other Terms Same as for Tea Roses.

REINE MARIE HENRIETTE.

(For Description see page 21.)

Celine Forestier. Color, deep, rich canary yellow; flowers well formed: fragrant.

Chromatella, or Cloth of Gold. A variety always in demand, but being difficult to propagate, stock of it is usually scarce. Deep yellow centre with sulphur edges, large, full flowers; a grand rose. **25c.**

Clare Carnot. Buff or orange yellow, with peach blossom centre, medium size; full and compact flower delightful tea scent. Very pretty and desirable.

Gloire de Dijon. A magnificent old rose, one of the finest in every respect. Large, perfectly double and tea scented. Color, rich creamy yellow, shaded with amber. **20c.**

James Sprunt. Deep cherry red, very pretty and distinct: desirable as a climbing or pillar rose; very profuse bloomer. A sport from Agrippina.

La Marque. Pale canary yellow, changing to French white: a good bloomer.

Mad. Caroline Kuster. Beautiful orange yellow, clear and distinct: fine, full form: large and very double; highly scented; very desirable.

Marechal Neil. One of the largest and most beautiful roses grown; flowers extra large, very double and deliciously perfumed; deep golden yellow buds of immense size.

Reine Emma des Pays-Bas. Large: full: of perfect imbricated form: color, gold shaded with salmon. Of rare beauty.

Reine Maria Pia. Shading from rose to crimson in the centre: flower large and full: plant robust. A seedling from "Gloire de Dijon." Very beautiful.

Reine Marie Henriette. A Gloire de Dijon, with red flowers. A vigorous climbing rose, with stout, green wood, firm, and a little thorny. Foliage deep green, flowers large, full and well formed. This is justly considered the best of the deep colored roses in this class.

BOURBONS.

This class was introduced to commerce in the early part of this century, and is the most hardy of the ever-blooming section. In sections this side of the Ohio river it is safest to give them some protection in winter, although they are usually hardy south of central Illinois. The plants are of stronger growth than the Teas, and the flowers larger and more double. They are always in bloom and are especially beautiful in the fall.

Price, 10 Cents Each. Other Terms Same as for Tea Roses.

Alfred Aubert. A vigorous grower and profuse bloomer: flowers as well shaped as "Hermosa," of a bright red color.

Appoline. A large fine rose, of excellent form and good habit, full and sweet, delicate pink, changing to clear rose.

Emperor of Russia. Large, fine form, full and double: color, a bright scarlet, shaded and dashed with crimson: fragrant; a splendid rose.

Hermosa. A grand rose and one which no one can afford to be without. It is one of the oldest of this class, has always been in great demand, and will continue so as long as roses are bought and sold. The flower is cupped, finely formed and full, always in bloom: soft deep shade of pink: fragrant.

Mad. Bosanquet. A fine old variety, much esteemed: pale flesh, shaded with rose: very sweet.

Mad. Isaac Pereire. Beautiful vivid carmine, of immense size; perfect imbricated form, blooming all the season; growth vigorous; first-class variety.

Perle D'Angers. Plant vigorous: flowers very large: glossy flesh white, very delicate: a magnificent rose. **15c.**

Queen of Bedders. The most useful rose of recent introduction. It is a good grower, branching freely, but of dwarf habit, seldom reaching a height of more than eighteen inches. Every branch terminates with a cluster of buds: these when fully open are very double, of a rich dark crimson velvet color. We consider it one of the best crimson bedders; it is a rose that will give satisfaction to all. **15c.**

Souv. de la Malmaison. In the fall the buds and flowers of this are grand beyond description. It is an old rose, and one of which the rosarian never tires: color, flesh white, clear and distinct. Beautiful.

PIERRE GUILLOT.

(For Description see page 23.)

CHINA OR BENGAL.

This class is valuable for massing on account of their great freedom of bloom, high colors and dwarf habit of growth. The flowers are not as large as those of the Bourbons, but are very profuse.

Agrippina. Brilliant fiery red; good size and form, very double, full and sweet. A profuse bloomer.

Beau Carmine. A splendid rose for bedding; fine carmine red; very rich velvety color; flowers large, full and double; constant and profuse bloomer; fragrant and desirable.

Cramoise Superior. Medium size; rich, dark velvety crimson, very double, full and beautiful; compact growth. One of the best for bedding.

Douglas. Rich crimson; fine color and a good bloomer.

La Phœnix. Fine brilliant red, shaded with dark crimson; good size flowers, full and double.

Louis Phillippe. Rich, dark velvety crimson; profuse bloomer; good form and substance; fragrant.

Lucullus. Beautiful dark crimson maroon, large, full and fragrant; very double; a constant and profuse bloomer. Extra good for out-door culture.

Nemesis. Habit similar to Hermosa, splendid, full, double flower of dark velvety crimson, never out of bloom; especially fine for massing, when rich dark colors are wanted.

HYBRID TEAS.

Most of these are of recent origin and were given a distinct classification but a short time since. Some few of them possess a good degree of vigor, while others are disappointing in the lack of constitution displayed. Many of the weaker onessare of such exquisite beauty and fragrance, rosarians have been, and are still, very loth to admit they are of no practical value. We can strongly recommend such roses as La France, Beauty of Stapleford and Pierre Guillot, as being well worthy of all the praise bestowed upon them. They are in fact indispensible, as neither the rosarian or amateur can have a complete collection without them, embracing as they do a delicacy of color and perfume found in no others. As many wish for a complete set we give the full list, only wishing we could honestly endorse them all as heartily as we do those mentioned.

Beauty of Stapleford. Flowers very large; petals large and beautifully arranged, well reflexed, gradually merging to the centre; of the finest possible form; color, outer range of petals very pale pinkish rose, gradually shaded to a deep rosy centre. **10c.**

Cheshunt Hybrid. Color, cherry carmine; large, full, open flowers; very distinct. **15c.**

Hon. George Bancroft. Of free branching habit, clean and handsome foliage, and a profuse bloomer. The flower is well made, double, and of a vivid rose color, almost clear red; richly perfumed. **50c.**

La France. Silvery rose, changing to pink, very large, full and globular, a constant bloomer, and the sweetest of all the rose family. In the estimation of many this is the queen of roses. Its delicacy of color and exquisite fragrance will ever render it one of the most popular favorites. **15c.**

Madame Alex. Bernaix. Color varying from deep rose to glossy pink; petals edged with white after the way of La France; large and very double. **25c.**

Mad. Leonard Lille. A cross between the Tea and Bourbon sections; bright red; very fragrant and free. **25c.**

Mad. Julia Weidman, Silvery rose, carmine and yellow in centre; reverse of petals violet; large and full. **15c.**

Michael Saunders. Flowers very large, of the finest possible form, very full petals which are beautifully reflexed; color, bronzy pink; very sweet scented; a grand rose. **25c.**

Pearl. Color beautiful flesh white; not a large flower, but perfect in form. **10c.**

Pierre Guillot. Color deep red; very fragrant; growth vigorous; flower large, well formed and double. We regard this, all things considered, as being the best Hybrid Tea of its color, that has as yet appeared. **20c.**

Viscountess Falmouth. Wood almost as thorny as a moss rose, but the bud is not mossed; flowers very large and of good form; color very delicate rosy pink; back of petal bright pink; highly scented like moss rose. **50c.**

POLYANTHA ROSES.

These have been gaining in popular favor every year since their introduction in 1879. Their shapely growth and hardiness, combined with an abundant bloom, render them particularly valuable as house plants. Our engraving of one of these was made from a photograph of a plant grown by us, and well represents their great freedom of bloom. The first one given to commerce by the originator, was white. Since then a pink has been added and this year we have the pleasure of offering a yellow, making three distinct colors in this truly unique class. No collection can be considered complete without them, supplying as they do a place no other class of roses can fill.

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ANNA MARIE DE MONTRAVEL.

(For Description see page 25.)

Price, 25 Cents Each. Set of 3, 60 Cents.

Anna Marie de Montravel. Color, pure white; as a cemetery rose this cannot be excelled, being hardy in all localities south of the Ohio river, and with a little protection it will survive the winters as far north as Central Illinois. It is a beautiful rose and one that will give general satisfaction for the reason it requires so little attention, and as a house rose does not seem to be so susceptible to the many ills which often render pot grown roses unsatisfactory.

Mad. Cecil Brunner. Plant of dwarf growth, excellent for bordering beds; color, salmon rose on a yellow ground. This rose is very fragrant and possesses the merit of being the most vigorous grower of its class.

Paquerette. Flowers creamy white, somewhat smaller than Montravel, but perfectly formed petals which are larger and not so numerous as in that variety; a beautiful rose.

HYBRID PERPETUALS.

These differ greatly from the classes just described, for while beauty and elegance combine to render the latter so desirable, the strong, vigorous growth and grandeur of bloom, make these indispensable. They are perfectly hardy in almost all parts of the country, there being but few varieties which will not winter well in this latitude. It is, however, a mistaken idea, that they are adapted only to northern climates, as there are many of the freer blooming kinds that should be given space wherever the more tender Teas are cultivated, as the contrasts produced by their large, double, highly colored flowers are truly grand. They are also, most of them, very fragrant and at some seasons of the year, cut blooms of certain varieties in this class will bring higher prices either in this or New York market, than those of any other rose that is grown for this purpose.

Take the free bloomers in this class, and there is nothing so grandly magnificent as the effect they produce in garden, hedge or lawn, giving equal satisfaction, and being as well adapted to the State of Texas as to that of Illinois. As many are unacquainted with the varieties producing the greatest freedom of bloom, we have prefixed a * to those we consider the best in this respect. These it must be remembered are not as hardy as the "Iron Clads," and will need protection in our more Northern States.

Price, purchaser's selection, 15c. each: 8 for $1.00.
" our selection, - 10c. " 10 "

Antoine Mouton. Plant vigorous and hardy: an early and free bloomer; flowers of extraordinary size and fullness; very sweet: color, bright glossy pink, reverse of petals silvery rose.

Baronne Prevost. Beautiful, clear, bright rose, shaded with crimson: very large, finely perfumed.

Baroness Rothschild. Light rose or flesh color, flowers very large, full and well formed; one of the most perfect roses and very beautiful in color. The wood is short jointed and so difficult of propagation there seems to be but one course left, either to bud it on other stock or dispense with it entirely. As it is too valuable a rose to discard and cannot be grown on its own roots successfully, we have imported some large budded plants. These can only be sent by Express. Price, $1.00 each. What has been said of the difficulty of propagation of this, is equally true of White Baroness and Mabel Morrison, both of which we offer as budded plants on page **30**.

Brightness of Cheshunt. Vivid brick red; medium sized flower of open, imbricated form; very free and fine autumnal bloomer. **25c.**

Camille Bernardin. Deep red with crimson shade: large, full: free bloomer and fragrant.

Captain Christy. Delicate flesh colored rose, deeper in the centre; a beautiful rose, very free bloomer.

Charles Duval. Beautiful bright red, large, full, very dark and fragrant, blooms freely: an elegant and very desirable variety.

Charles Lefebvre. A noble rose, large bold flower, well borne up: very full and fragrant: brilliant crimson; centre deep purple; one of the best.

* **Charles Darwin.** Rich brownish-crimson, perfectly round reflexed form: this is a new tint in color, and is evidently of Bourbon blood in its origin; very free autumn as well as summer flowering.

Comte Horace de Choiseul. Color, vermilion, lighted with velvety scarlet: large, full, imbricated form; vigorous grower. **25c.**

Countess of Rosebery. Flowers brilliant carmine-rose, very large, full and finely cupped; a vigorous growing variety, blooming freely all through the summer and autumn.

* **Coquette des Alps.** The finest white Hybrid Perpetual yet introduced; a profuse bloomer, flowers pure white, sometimes shaded with blush. Very desirable, should be in all collections. Our cut represents the blooming quality of this very fairly.

Countess of Oxford. Carmine, shaded violet; velvety; flowers very large, full, cupped. A magnificent rose.

Climbing Jules Margottin. A sport from Jules Margottin; flowers exactly similar to its parent; a free and vigorous climber, branching freely; grows from eight to ten feet in a season.

Crown Prince. Flowers bright purple, the centre shaded with lurid crimson; very large and double, petals fine; very floriferous and of excellent growth and habit. A most effective garden rose, yielding large quantities of fine flowers, either for decoration or cutting, of a color very scarce among roses of its quality.

Dean of Windsor. Clear, rich vermilion, fine form, constant bloomer.

Duke of Teck. Bright crimson scarlet, clear and distinct in its vividness of color beyond anything else; a real march toward a scarlet rose. Flower is large, very double, of good, bold-pointed, globular form; free bloomer, erect habit, with beautiful foliage.

Dr. Hogg. Deep violet, nearest to the blue color sometimes desired in roses; pretty shell-shaped petal, very vigorous and very hardy.

Dr. Sewell. A fine cupped flower, very double and full; fragrant; color rich crimson, shaded with purple.

Empress of India. Splendid form, large, full and double; very fragrant; color, dark violet crimson, shaded and velvety; perfectly hardy; vigorous constitution.

Emilia Plantier. This rose is a very vigorous grower, producing an abundance of flowers of a coppery yellow color, changing to yellowish-white; medium size and of fine form. It is especially valuable as an autumnal bloomer.

E. Y. Teas. Color, dazzling red; large, globular and double. In England it is esteemed the best of its color. This rose undoubtedly has a great future before it. **20c.**

Fontenelle. Large flowers of a rich, dark velvety crimson, borne in clusters well above the foliage. A new rose, and one of the best of this color sent out for many years.

* **Francois Levet.** Extra fine; very fragrant; strong grower; color, beautiful rose.

Gabriel Tournier. Dark rose, large, full and of fine shape; a vigorous grower, a free and continuous bloomer.

* **General Washington.** Bright vermilion rose; large, fine form and perfectly double. A standard variety of true excellence, remarkable alike for the vigor of its habit and freedom of bloom. Should be in every collection.

General Jacqueminot. Rich, velvety crimson, changing to scarlet crimson. A magnificent rose, equally beautiful in the bud state, or open. This is the best known of all Hybrid Perpetuals and is without a rival in fragrance and richness of coloring. It is, moreover, as easy of cultivation as many of the more common varieties, and perfectly hardy.

Giant of Battles. Brilliant crimson, large, very double and sweet; esteemed one of the finest.

Grand Duke Nicholas. Very full form, perfectly double; exceedingly fragrant; color dazzling crimson, brightly flaming with intense scarlet.

Jules Chretien. Flowers large and finely formed; color, brilliant fiery red shaded light purple; fine foliage.

John Bright. In color, a pure glowing crimson, double, and of perfect cup like form; very vigorous in growth and possessing the most desirable quality of being a free autumnal bloomer. **25c.**

Louis Dore. Strong, vigorous growth; flowers well formed in clusters of three or four; color, bright cerise red, shaded purple.

Mad. Alice Dureau. Fine bright rose, clear and glossy; a handsome globular flower, large and double.

* **Mad. Alfred Carriere.** A new rose of 1879. Flesh white, shaded with salmon yellow at base of petals; large and double and a very rapid climber.

Mons. Eugene Delaire. Velvety, lighted with fiery red; large, full; extra. **25c.**

* **Mad. Alfred de Rougemont.** Pure white, delicately shaded and tinged with rose; fully double; good size; very sweet and hardy.

* **Mad. Chas. Wood.** One of the very finest varieties grown; flowers of immense size; dazzling crimson; very free bloomer.

Mad. de St. Pulgent. Dark crimson, shaded with violet; a deep, rich color; flowers globular and well formed, vigorous.

Mad. Eugene Verdier. Satiny rose, shaded and bordered with silver; flowers extra large, full and well formed; said to be one of the best; growth vigorous; extra fine.

JOHN BRIGHT.

(For Description see page 26.)

"John Bright keeps well up to its character, and even at this advanced season (Sept. 6) the qualities of glowing crimson flowers which it carries makes it conspicuous among its neighbors for some distance."—*T. Baines, in "The Garden," of 1879.*

Mad. Gustave Bonnet. Pure white, sometimes slightly tinged with rose; medium size, very double and full; sweet scented, free bloomer.

* **Mad. Masson.** Large and double; color, reddish crimson, of fine form and substance; a constant bloomer and invaluable for bedding purposes; one of the best.

Mad. Plantier. Pure white flowers of the most perfect form; very full; a beautiful rose, splendid for cemetery decoration. It is not a true Hybrid Perpetual, as it blooms only in summer, but at its season the plant is literally covered with beautiful blossoms.

Mad. Victor Verdier. Rich, bright cherry red, changing to satin rose; large, full and fragrant.

Mad. Francois Pettit. Pure white, very full and double flowers produced in clusters. One of the best of the new whites.

Mad. F. Jamain. Blush rose with deep carmine centre; petals overlapping, giving the flowers, when open, an unusually double appearance. A very desirable variety.

Marie Baumann. Bright carmine; flower very large and of exquisite form; a free bloomer; in every way one of the finest roses grown.

* **Magna Charta.** A splendid English sort; bright, clear pink, flushed with violet crimson; very sweet; flower extra large, fine form; very double and full; a free bloomer.

Masterpiece. This is believed to be a seedling from Beauty of Waltham, producing magnificent blooms of rich, bright, rosy crimson; the flowers are very large, full and globular; the growth is vigorous, habit good and foliage fine.

Maurice Bernardin. A splendid old rose; one of the best; rich, velvety crimson, large size, very full and fragrant.

May Quennell. Brilliant magenta carmine, shaded with crimson; very large, full, and of perfect globular form; petals of great substance, foliage dark green and handsome. Ranks among the finest of autumnal bloomers.

M'lle Annie Wood. Beautiful, clear red; very large, excellent form.

M'lle Catherine Soupert. Large, full flowers; delightfully sweet; color pure white, elegantly shaded with rosy blush; one of the finest.

Mrs. Laxton. Bright rosy crimson; of the most perfect globular form, unequaled in this respect.

Oxonian. Rosy carmine; flowers very large, cupped, very sweet; a free autumnal bloomer.

Paul Jamain. Deep, brilliant red, large, full and finely formed; growth vigorous.

Paul Neron. Dark rose, very large, fine form; vigorous habit; seedling from "Victor Verdier."

Prince Camille de Rohan. Rich dark velvety crimson, changing to scarlet maroon; full, very double and sweet.

Pride of Waltham. Of the Victor Verdier type; flowers large and double, of a deep flesh color; a free bloomer and vigorous.

Red Gauntlet. Bright crimson, medium size, but very double; a fine autumn blooming variety.

R. Dudley Baxter. Flowers deep maroon crimson, very rich in color; extra large, full and cupped; free, hardy and vigorous.

Red Dragon. Brilliant crimson, very bright and striking, large, double and finely cupped flower; of almost climbing habit.

Richard Laxton. Reddish crimson, very bright and full, fine cupped form; free autumnal bloomer.

Rosy Morn. Delicate peach color, shaded salmon rose, very large and full, nicely scented, and finely formed.

Sir Garnet Wolseley. A strong, vigorous, free flowering sort; flowers bright red, shaded with carmine; large, full and sweet.

Souvenir de Charles Montault. Dark crimson maroon; velvety; a bold and striking flower, very full and good.

Souvenir de M. Faivre. Color, deep, dark red; large, full and double; a very strong grower.

Star of Waltham. A splendid rose, color deep, rich crimson; extra large, good form, full and fragrant; free bloomer.

Triumph de France. Brilliant crimson scarlet, extra large size; very double and full, exceedingly sweet; perfect form, opens well and is a free bloomer.

* **Triumph d'Angiers.** This is not a new rose, but one of the best and freest in this class. It is always in bud and bloom; color, deep velvety crimson, suffused with purple. A very satisfactory rose in every respect.

Victor Verdier. Brilliant rosy carmine, edged with purple. Fine, large, free bloomer.

Xavier Olibo. This is by far the finest dark rose in cultivation. Flowers large and double, of excellent form. Color, velvety black, shaded with fiery red.

COQUETTE DES ALPS.

(For Description see page 26.)

HARDY CLIMBING.

Climbing roses are valuable for training over ornamental arbors, trellises, pillars, verandas, etc. The varieties given below are hardy, and succeed well in all sections of the country; they are in bloom but once during the season, either June or July, but are at that time very beautiful.

Price, 10 Cents Each.

Baltimore Belle. Pale blush, variegated carmine rose and white; very double. One of the best.

Queen of the Prairie. Dark pink, sometimes with a white stripe. Large, compact and globular.

Ruga. A Scotch running rose of slender and very rapid growth; valuable for covering banks, fences and unsightly objects; will thrive in rough, poor ground, where other roses will not grow; the flower is large; color, pale flesh, beautifully shaded with rose.

MOSS ROSES.

These are much admired for the beautiful moss covering of their buds. They are more hardy than any other class, and while they will well repay good soil, and thorough culture, most of them will thrive and grow under circumstances that would be utter ruin to other classes. The most of these bloom but once during the season—the exception being noted in the descriptions given. It will be noticed our prices on these varieties are low; we are enabled to quote them thus for the reason we have prepared a large stock of the varieties most in demand.

Price 25 Cents Each Unless Noted.

Aphelis Purpurea. Violet purple; large, fine, full form; well covered with moss.
Comtesse de Murinais. Flowers white, sometimes tinged flesh color, large double and cupped.
Glory of Mosses. A magnificent Moss Rose. Very large and double. Color, deep, rosy carmine; very mossy and fragrant. One of the finest. **15c.**
Henry Martin. Fine rosy pink; large, full and globular; fragrant and mossy.
James Veitch. A magnificent Moss rose; extra large; very full, exceedingly sweet; buds very mossy; color, bright rosy crimson, changing to deep carnation red; free. **35c.**
Luxemburg. Bright crimson scarlet, large and very mossy.
Perpetual White. The finest White Moss, an elegant flower, large full form, double and deliciously fragrant; buds mossy; blooms in large clusters; profuse bloomer; valuable.
Princess Adelaide. Fine, strong growth; hardy; flowers bright rosy pink, large and very double.
Soupert et Notting. Rose color, large globular flowers; full and of perfect form. Fragrance of the old cabbage rose. The finest perpetual of its color. **50c.**

LARGE SIZED ROSES.

Many people cannot wait to see a small plant develope, but wish for **immediate** results, and to be gratified in this would much rather pay more for the plants and transportation charges besides. To meet this want we have devoted a house to the growth of the varieties named below. They are strong plants in 4 inch pots, and can be sent only by Express.

Price 25 Cents Each Unless Noted.

EVER-BLOOMERS AND CLIMBERS.

Agrippina,
Arch Duchess Isabella,
Bon Silene,
Comtesse de Labarthe,
Etoile de Lyon, 50c.,
Jean Pernet,
Lucullus,
Mad. Cecil Brunner, 50c.,
Mad. Margottin,
Marechal Neil,
Mad. Cecil Berthod,
Queen of Bedders,
Souv. d'un Ami,
Anna M. de Montravel, 50c.,
Adam,
Catherine Mermet,
Comtesse Riza du Parc,
Hermosa,
La Marque,
Mad. Brest,
Mad. Jos. Schwartz, 35c.
M'lle Rachel,
Marie Van Houtte,
Nemesis,
Reine Marie Henriette,
Aline Sisley,
Beauty of Stapleford,
Cornelia Cook,
Duchess of Edinburg,
Isabella Sprunt,
La Princess Vera,
Mad. Bravy,
Mad. Welche,
Malmaison,
Marie Guillot,
Perle des Jardins,
Safrano,

HYBRID PERPETUALS.

These are strong two year old plants in 5 inch pots, and will be ready for shipment April 1st.

Price 50 Cents Each, Unless Noted.

Boule de Neige,
E. Y. Teas,
John Bright,
Mad. Charles Wood,
Marie Baumann,
Victor Verdier,
Baroness Rothschild, (budded) **$1.,**
Giant of Battles,
Jules Chretien,
Mad. Plantier,
Mabel Morrison, (budded) **$1.50,**
White Baroness, (budded) **$2.00,**
Coquette des Alps,
Gen. Washington,
Magna Charta,
Mad. Masson,
Paul Neron,

BARONESS ROTHSCHILD. (For Description see page 25.)

IRON CLAD LIST.

These as the name indicates are those best adapted to stand the rigor of our Northern climate. They are hardy and will endure the cold without protection. Having been requested to give such a list, we would mention among the Hybrid Perpetuals, Gen. Washington, Gen. Jacqueminot, Mad. Chas. Wood, Mad. Plantier, M'lle Annie Wood, Magna Charta, Paul Neron. The hardy climbers described on a previous page belong to this class, and also the following mosses: Glory of Mosses, Henry Martin, Luxemburg and Princess Adelaide. The remaining roses, in the respective classes from which these were taken, while they will do well and give great pleasure wherever grown, will not survive at the extreme North without protection.

Plant Novelties.

In the following list will be found some fine novelties imported the past season, of which the raisers speak in terms of high praise. The Geraniums of 1882 have proved especially fine. Having expunged from the list those not possessing individual merit, we can speak confidently of them as a whole, while several are a decided advance on any previously imported.

ABUTILONS.

Royal Scarlet. Very free blooming; compact habit; flowers a brilliant crimson. **35c.**

BEGONIA.

Uhinkii. A Begonia obtained by crossing Schmidtii with B. Roezlii; flowers salmon pink, blooming very freely in spring, but carrying flowers throughout the year. Dwarf, compact habit. We have had this under cultivation over a year and our expectations of its value have been fully realized. **25c.**

CHÆONSTEMMA HISPIDIA.

The most remarkable and continuous free-flowering plant we have ever seen; the flowers are star shaped, pure white, about a quarter of an inch in diameter, covering at times the whole plant. It will prove a very beautiful winter flowering window plant, and for vases and baskets in the summer time it is unsurpassed. This is not a new plant, but one of those fine old plants that are occasionally resurrected. No plant lover can afford to be without it. **25c.**

COLEUS.

These three Coleus are new seedlings and we think the best we have ever seen. They present three very distinct and beautiful shades, the coloring of each being very intense.

Price, 25 Cents Each. The Three 60 Cents.

Crescent. This is after the style of the well-known Chameleon, but unlike that variety the high coloring is permanent and does not run out. The centre of the leaf is a rich maroon crimson, bordered with a band of very dark maroon, shaded to bronze; edge of leaf vivid green.

Golden Pheasant. This is a new style in the golden colors so valuable for massing. The new growth as it appears, is light green, mottled yellow, the whole plant changing in a short time to rich canary yellow; stands sun well.

President Garfield. The whole ground work of leaf is a rich dark maroon, almost black, veined and blotched with vivid crimson. A most unique and beautiful variety.

FUCHSIAS OF 1882.

Price, 25 Cents Each.

Armand Carrel. Flowers double, globular corolla, violet marbled with purple and rosy crimson; sepals short, large, recurved, bright rose with green points; very free blooming.

Chas. Blanc. Flowers single, sepals horizontal, dark red, corolla large, rose amaranth, mauve at base.

Edward Milne. Flowers very double, bluish violet, petals marbled with red; sepals large, horizontal, coral rose.

Gen. Forgernol. Flowers single, reddish violet; sepals slightly recurved, wine red.

Gen. Saussier. Flowers very large, double petals, broad, violet; sepals broad, dark crimson.

Kentucky. Tube and sepals pure white and very long, exceeding in this respect Earl of Beaconsfield; corolla violet rose;

M. Oscar Rocca. Medium sized, very double corolla of reddish violet, with coral red sepals. A free and continuous bloomer.

Paris Murcie. Double white, sepals of bright rose. Larger than the celebrated Mad. Van der Strass.

Zampa. Flowers enormous, double; sepals reddish crimson.

NEW FUCHSIAS.

Price, 50 Cents Each.

Mrs. Rundle. An improved Earl of Beaconsfield. Long tube and sepals; single; color, rosy salmon.

Jeanne d'Arc. Of fine compact habit; vigorous grower; tube and sepals bright scarlet; corolla double, pure white.

Victor Hugo. Double; flowers very large; sepals red, corolla clear lilac. A new color.

NEW GERANIUMS.

Price, 50 Cents Each.

SINGLE.

Divine Comede. Very large spherical truss: color. salmon, with large centre of bright orange; plant free blooming.

Macbeth. Large truss, flowers rosy carmine, shaded scarlet on the upper petals; large white eye.

Kleber. Enormous truss; color, lake red, tinted and edged with scarlet; upper petals marked with capucine. A wonderfully free blooming variety.

DOUBLE.

Admiral Seymour. Rich, dark amaranth; an improvement on Chas. Darwin.

B. K. Bliss. Of all varieties this has the largest flowers and most vivid coloring; the individual flowers are two inches in diameter, of good shape, trusses large; color, a rich tone of pure scarlet.

Cabanel. Plant dwarf and a vigorous grower; truss extraordinarily large; spherical; bright carmine color.

George Thorpe. As a bedding geranium we have not seen its equal; the trusses are of immense size, on very strong foot stalks; the color is of the most intense light crimson; the habit is branching and the foliage never burns. A grand variety.

Hoff. Beach. Rich, amaranth purple; of fine habit and robust constitution, the foliage wearing well in the hottest weather; the flowers are of good size, the trusses large and freely produced. A good variety for bedding.

John Heron. Rich plum purple, flowers and trusses larger; habit compact and spreading. A fine bedder and quite an acquisition.

Mrs. Cope. Rich carmine red, of large size and immense trusses; the habit is all that can be desired and it is really a fine bedder.

Phallas. A rich, apricot orange, most vivid in coloring; trusses very large; habit neat and free. A fine and distinct bedding variety.

Queen of the Fairies. A bi-color variety of the most perfect shape, rich flesh color, mottled with pearly white; this has the largest and most perfectly shaped trusses of any variety we have ever seen. Grand.

Siren. Very large individual florets of pure white; an improvement on Heroine.

Ziccot Mangenot. Very large truss; speckled with cream color on a ground of light rose, with tints of carmine.

IVY-LEAVED.

Jeanne d'Arc. Flowers very large and double, of the purest white: fine habit; free flowering. The best. 75c.

La Rosiere. Flowers of perfect shape, double and of good size; color, satin rose. An excellent variety.

BRONZE.

King of Bronzes. A large leaved variety of brownish yellow tint, distinctly marked with intense black zone.

SCENTED.

Quercifolium Miniature. A very compact form of oak leaved geranium; fragrant.

GERANIUMS OF 1882.

Price, 25 Cents Each.

SINGLE.

Berthelot. Fine truss, large flowers of a violet solferino shade, marked at the base of the upper petals with yellowish scarlet. Differs sensibly from the variety La France. We believe this to be the greatest advance in this line of color.

Cygnet. Immense trusses of the purest white flowers, of free habit and a very early bloomer.

Godfrey Cavaignac. Rich, deep scarlet with a very large, pure white eye. Florets of good size, and round form. Extra fine.

Instituteur Delaval. Great numbers of florets in globe shaped truss, the larger petals of a bright currant red, the smaller petals flame color marked with bright cerise. Magnificent.

May Queen. Ground color of flowers flesh color, half of the upper petals pure white, with margins of white on lower petals. very large trusses of fine round shape; a beautiful variety.

Pres. Garfield. Compact truss, florets of fine form. petals of lake and carmine tints, the markings of orange in the upper petals make this a very remarkable flower as to color and blendings.

DOUBLE.

Col. Flatters. Large truss of a general solferino shade; the lower petals touched with flame, the upper ones blending into capucine red; compact and bushy.

Commandant Ott. Enormous truss, scarlet orange shading into vermilion; habit and form very fine. carrying its trusses well above the foliage.

Crimson Velvet. Flowers of the richest, dark, velvety crimson, shaded black; a most intense and brilliantly colored variety; compact habit.

Emile Lemoine. A magnificent deep crimson scarlet. with immense pips of great substance.

Etendard. Very free blooming; amaranth shade, the upper petals diversified by glowing salmon tint.

Flocon de Neige. Plant dwarf, free flowering; trusses very large, flowers pure white. Lemoine says: "This is the most beautiful white zonal yet offered."

Gen. Campenon. Large, fine truss, deep purplish red, shaded with violet or amaranth.

Gen. Billot. Large truss, extra large florets; the best geranium of the season; its color is lake, tinted with flame.

James Y. Murkland. Flowers of most perfect shape, bright peach rose centre, broadly margined with white; large, finely formed truss; compact habit.

James Vick. Flowers and trusses of great size, color deep flesh with dark bronze shadings; fine, free habit and entirely distinct. A plant worthy of the name.

Longfellow. Flowers very large and of most perfect shape, deep soft crimson slightly shaded with purple rose; compact in habit and unequalled in its color.

Maggie Hallock. Quite new in color, a deep pure pink shaded rose, with reflex of petals silvery white; flowers of good shape, free flowering and quite distinct. A lovely variety.

M. Hardy. Large flowers, very double, perfect in form; of a delicate rosy pearl color. Extra fine.

M. Puteaux Chaimbault. Plant dwarf and compact in form; spherical trusses; flowers semi-double, fine rose color. Excellent for pot culture.

Paul St. Victor. Enormous truss; large florets, rosy carmine; foliage fine and compact.

Pocahontas. Immense trusses of rose pink flowers, upper petals margined with white. A great improvement on Mad. Thibaut and all of that color.

Soleillet. In form dwarf; free blooming; of a rich violet lake color; the upper petals marked with reddish orange.

BRONZE.

Chieftain. Fine, showy foliage, having a golden disk surrounded by a wide bronze zone.

Zulu. Bright yellow leaf with a very deep chocolate zone. Decidedly the darkest and best of this class.

DOUBLE IVY-LEAVED.

Candeur. Flowers very double; pure white; of excellent form and habit. A very beautiful variety.

Comte Horace de Choiseul. Plants of great vigor, large green leaf with slight zone; flowers of this variety also extra large; petals imbricated, pale aurora bordered with salmon; very free.

M. Pasteur. Flowers finely formed, very large petals, fine cherry color suffused with rose; good habit.

Vice Pres. Joly. Flowers round and finely formed, petals imbricated; color, clear rosy lilac; foliage uniform color. This variety rivals the well-known zonal, Mme. Thebaut, in form and color.

CORNELIA COOK.

(For Description see page 17.)

HIBISCUS.

Magnificus. Very large flowers and of perfect form; color, deep magenta, ends of petals touched with brown; foliage finely toothed. 50c.

Sub Violaceous. Flowers enormous, semi-double, clear carmine, tinted with violet. Probably the largest flower in the Hibiscus family. 50c.

RUELLA.

Macrantha. Flowers large, similar in shape to gloxinia; color, violet carmine shaded with rose. 35c.

STREPTOSOLEN JAMESONI.

This is considered one of the most interesting of the year's novelties. It is a fine decorative plant of the family Scrophulariacea. Leaves, a rich deep green; flowers lobed, about an inch in diameter and carried in trusses. 25c.

General Collection.

ABUTILONS.

The habit of these much resembles that of young maples, being strong and erect, flowers pendulous, bell shaped, blooming in abundance during the winter and spring months; also fine for bedding.

Price, 10 Cents Each.

Arthur Belsham. Clear, bright crimson, without markings on the outside; color, bright and attractive; large and finely formed.

Boule de Neige. By far the best white Abutilon in cultivation, being a compact grower and very profuse bloomer. A plant of easy culture producing its white, bell-shaped flowers throughout the entire season.

Ed. Leyeillon. Of a bright golden yellow, with some shadings of flame; resembles a semi-double flower as the petals overlap. A very unique variety.

Etandard. Entirely distinct; flowers large and spreading and borne in clusters of five or six; light crimson in color; very free.

Firefly. By far the best and brightest colored of this family. Habit dwarf, throwing out the finest flowers on strong foot-stalks; blooms all the year.

Fred. Meyer. Growth, habit and freedom of bloom equal to Boule de Neige; color, clear lemon.

John Hopkins. Golden yellow, large flower; free bloomer and good grower.

Ne Plus Ultra. Crimson red, veined with a deeper, richer crimson.

Pluton. Deep red, with darker veinings; of a fine shrubby form.

Rosæflorum. Flowers rosy pink, shaded and veined with a richer tint; a novel and very attractive color; a profuse and continuous bloomer

Mesopotamicum Variegatum. (Trailing.) Calyx scarlet, petals golden yellow, with beautiful variegated foliage. Splendid pot or basket plant.

Violet Queen. A well formed flower, of a rosy violet; often deep violet; good.

ACHANIA MALVAVISCUS.

A plant somewhat resembling the Abutilon in habit and growth, but the flowers instead of being pendant as in that variety, are erect and of a brilliant carmine, producing a fine effect contrasted with the profuse green foliage. Valuable as a winter flowering plant. **15c.**

ACHYRANTHES.

Handsome variegated foliage plants, used largely in massing and ribbon gardening; they are of easy culture, and keep their bright-hued tints until destroyed by frost.

Price, 10 Cents.

Aurea Reticulata. Leaves bright green, blotched and veined with bright yellow.

Acuminata Aurea. Yellow, green, crimson, large foliage.

Gilsonii. Leaves of a bright rosy carmine tint, with rosy violet stems. Extra.

Lindenii. Leaves deep blood red; long and narrow.

Wallisii. A distinct species of this admirable class of bedding plants. The leaves are small, round and of a beautiful purplish red color, with metallic green reflections. The bright color, bushy habit and low growth, will contrast well with the taller growing kinds.

Verschaffeltii. Foliage shaded from light to dark crimson. Fine.

AGERATUM.

An old garden favorite, blooming continually throughout the summer months. One of the most profuse blooming plants in the house during the winter.

Price, 10 Cents.

Blanche. Pure white; desirable for cut flowers, both summer and winter.

John Douglas. Dwarf, very free bloomer: lavender blue.

Mexicanum Variegatum. Foliage variegated, blue flowers.

ALTERNANTHERAS.

Plants with beautifully variegated foliage, and fine for planting either in masses or on the border of a bed. They are of dwarf growth.

Price, 10 Cents.

Amabilis Tricolor. Rose, orange, green and bronze.

Aurea. A golden yellow leaved variety, with bronze shade.

Spathulata. Very dwarf, bright rose, brown and orange.

Versicolor. Reddish bronze, bright rose and green.

BEGONIAS.

Flowering Varieties, Price 15 Cents Each.

Begonias are among the most beautiful house plants, and are easily grown. The flowering kinds especially are beautiful winter and summer, their foliage is handsome, and the flowers of many of them exquisitely colored.

BEGONIA RUBRA.

Argyrostygma Grandis. Flowers pink, leaves spotted white.

Alba Perfecta Grandiflora. Fine white flowers.

Glaucophylla Scandens A beautiful half climbing variety, producing large panicles of orange salmon colored flowers, during the winter months A very fine plant for hanging baskets in winter.

Metalica. A splendid variety. The foliage is variously tinted with bronzy green, and the flowers are of a peculiar pale peach color. It is of easy culture, grows rapidly and blooms profusely.

Rubra. A magnificent begonia; flowers bright, clear red, in very large trusses, very beautiful and attractive; grows to a considerable size: handsome glossy foliage.

Semperflorens Rosea. A most beautiful variety in both habit and flower, the latter being produced in large clusters, color white heavily shaded and bordered with dark carmine rose. The contrast of these colors with the bright yellow of the stamens, produces a most charming effect. Very free.

Subpeltata Nigricans. Leaves and flower, fine.

Saundersonii. Flowers bright scarlet.

Weltoniensis. Waxy pink blossoms.

Weltoniensis Alba. Flowers white.

REX VARIETIES OF BEGONIAS.

These are entirely distinct from the flowering, their beauty consisting in the great variety and variegation of foliage. They delight in a warm, moist atmosphere and are much used in wardian cases. **15c.**

BOUVARDIA.

BOUVARDIA, ALFRED NEUNER.

These are now among the most important plants cultivated for winter blooming, producing flowers in great abundance varying in color from the purest white through the different shades of pink and carmine to the brightest scarlet. They require a bright sunny aspect, and plenty of water.

Price 15 Cents, Unless Noted.

Alfred Neuner. This differs from all the others in that it produces double flowers, in form very much like a tuberose. It is a vigorous grower; bearing large trusses of pure white flowers. **10c.**

Davidsonii. White, often delicately tinged with pink.

Leiantha. Rich dazzling scarlet.

Elegans. Light scarlet carmine; flower and truss of immense size, many of the trusses measuring from three to four inches in diameter.

Humboldtii. Flowers of purest white, one inch in diameter, borne on long foot-stalks in loose panicles, blooming from October to June. Rich jessamine fragrance.

CARNATIONS.

One of the most valuable plants, either for decoration of the flower-garden in summer, or for the greenhouse or parlor in winter. The flowers are of nearly every shade and marking, most of them delightfully fragrant. For the formation of winter bouquets, it is, perhaps, the most valuable of all flowers, as it continues in bloom from October until April. Small plants placed in flower beds or garden, will give a profusion of bloom during the fall months.

Price, 10 Cents.

Astoria. An old variety, but one always scarce and in great demand. Color, canary yellow, flaked and sometimes margined with dark crimson.

Beauty. Of strong, healthy growth; color, ground shade, pink veined with crimson.

Crimson King. A strong growing variety; color, a rich dark crimson; clove odor; very fragrant.

Firebrand. Very large, full flower; color, as name indicates; very bright.

Grace Wilder. Color, a beautiful, delicate pink, same shade as H. P. rose, Baroness Rothschild; flowers large, finely fringed, clove scented; dwarf habit and very prolific. This is, without doubt, the finest and most prolific carnation in cultivation, and the only one of its color. **20c.**

Fred. Johnson. Color, light scarlet; flowers extra large, well formed and very fragrant; free grower; very prolific.

George Washington. White ground, striped and dotted red. A beautiful pot plant and profuse bloomer.

Grenadine. Flowers in great profusion; dwarf; compact growth; color, deep scarlet.

CARNATION.

Hinzies White. Pure white, large, fine flower, supported on stems of good length, making it desirable for cut flowers.

La Purite. Bright carmine; extra fine. Makes a beautiful pot plant.

Miss Joliffe. An entirely new color, a rich shade of blush, deepening into rose; delicate clove odor, and blooms profusely

Pres. Degraw. Pure white; an abundant bloomer; dwarf habit.

Pres. Garfield. A strong, healthy grower; habit of growth quite dwarf and compact; the flowers are of large size, perfect form, highly fragrant; of rich English vermilion color.

Peter Henderson. The most prolific bloomer, and the finest grower of all white carnations.

Princess Louise. Beautiful fringed flower; strong growth; color, rose pink; fragrant.

Sport. Color, very dark crimson; flower of immense size.

Snowdon. White; habit dwarf; very prolific.

Springfield. A shade lighter than La Purite; of perfect form, very large, with finely serrated petals; good growth.

Triumph of America. Ground color, white, flaked and streaked with clear crimson. This is a beautiful carnation and well worthy of the name it bears. **20c.**

CHRYSANTHEMUMS.

These are the most showy plants, when in full flower, that are grown for early winter bloom. In November and December, there are no others that give such a varied display of richly colored flowers. Small plants set out in the spring will have formed large plants full of blooming shoots by September, when they can be lifted and placed in boxes or pots.

Price, 10 Cents.

JAPANESE.

Alexander Dupont. An entirely new and distinct color, rich purplish rose, shaded bishop purple; flowers large and somewhat flat, the whole head being one mass of bloom at the same time; early. **15c.**

Bras Rouge. A charming combination of gold and maroon.

Early Red Dragon. Dark red, tipped yellow.

Elaine. Pure white, back of petals tinted pink; good.

Fantasie. Flowers of snowy whiteness and large size; the petals form a convex shape slightly twirled and are from to to three inches long, producing a novel and beautiful effect. **15c.**

Golden Dragon. Golden yellow.

Jas. Salter. Clear lilac or mauve.

Magnum Bonum. Rosy lilac, with a lighter back; large flowers.

Mad. Chapon. Velvety red, yellow centre.

Mad. Desgrange. A very large pure white flower with white eye; petals curved and twisted; a fine variety, and early. **15c.**

Mad. C. Casey. A magnificent variety with large, broad petals of pearly whiteness, curled and twisted on first opening but afterward developing into a nearly perfect ball; fine, bold habit. **15c.**

Parasol. Golden buff, shaded salmon; a fine bloomer; late.

Riche Bouquet. A flower of somewhat peculiar shape, flat and round; color, a bright lemon yellow, outer petals shading to a lustrous silvery white. A distinct and beautiful variety.

POMPON. (*Small flowering.*)

Alexander Pell. Crimson, tinted gold; very fine.

Boquet Blanc. Pure white; very early and free.

Cedo Nulli. Rosy lilac, fine form and very full.

Circle. Rich, deep, golden yellow; globular.

Commodore Nutt. Color of rich old gold; very small. A charming variety.

Crimson Perfection. A most desirable and effective variety, with beautiful bright crimson flowers. One of the richest and best colors in the Pompon section.

Comete Biela. Yellow, with bronze red tips.

Figaro. Buff edged with crimson; very free.

Fimbriata. Rosy pink at base of petals, rest of flower pure white; heavily fringed; good size.

Jas. Forsyth. Orange crimson; very distinct and early flowering.

La Neige. Pure snow white flowers; of fine form, dwarf and very full; an excellent variety.

M'lle Martha. Flowers of the most perfect form and pure white, resembling miniature dahlias. **15c.**

Montgolfier. Rich gold, tipped with maroon. One of the most beautiful Pompons.

Princess Meletia. Large white flower heavily fringed, borne on very long footstalks; valuable for cutting.

Petite Marie. A new variety of dwarf habit, producing white, perfectly formed, double flowers very early in the season.

Sanguineum. Rich, dark reddish crimson, with citron colored centre; very pretty.

Souv. de Jersey. Deep, rich yellow flowers, very close and compact. A little gem

Wm. Bull. Crimson, shaded yellow; fine form.

LARGE FLOWERING.

C. H. Glover. Rich, deep yellow; exquisite form; very full.

Christine. Large, fine white flowers, beautifully incurved; one of the best.

Dr. Sharpe. Magenta crimson. Particularly fine for growing into specimens

Empress of India. Pure white, very large, perfect in form and habit of growth. Considered by many to be the finest white in cultivation.

Gloria Mundi. Brilliant golden yellow, beautifully incurved; very high in centre; dwarf habit; free.
Golden Aurora. Light orange flame; very compact; free.
Golden Geo. Glenny. Bright amber or straw color; flowers very large and incurved.
Julie Lagravere. Rich, dark velvety crimson. A very attractive flower.
Jardin des Plantes. Bright golden orange; a splendid color and finely incurved.
Lady Slade. Delicate lilac pink, with blush centre; free.
Margaret d'Anjou. Bright nankeen yellow; dwarf habit and free.
Margaret of York. Sulphur yellow; large flower.
Mrs. George Rundle. Immense flowers of pure ivory white. A most beautiful variety.
Mr. George Glenny. Bright amber; large; very free.
Solfaterre. Rich golden yellow.
Webb's Queen. Pure ivory white; broad petals; very large, fine form.
Venus. Lilac peach; large and beautiful.
Virginale A pure white; very large. Valuable for its late flowering properties.

COLEUS.

There are no plants that can be compared with these in the variety of colors and shades produced when skillfully arranged. They are largely used for carpet bedding and for this purpose have no superior. Grown in a greenhouse or conservatory as specimen plants they are wonderfully beautiful, producing shades and colors in a perfection found in no other plants.

Price 10 Cents, Unless Noted.

Amazement. Leaves are curiously cut in a laciniate manner; they are of a chocolate color, centre and prominences bright maroon crimson, while the tips are usually green. Extremely curious from its comical cutting.
Beacon. Very dark maroon veined with crimson.
Brilliant. Leaves of this variety are deeply toothed; centre, bright crimson lake, shaded with maroon crimson, exterior to which occurs a series of yellow blotches, while the tips of the marginal lobes are a greenish color, all the colors being very intense.
Buttercup. Marbled with bright green, mottled and marked centrally with pure yellow spots.
Chameleon. Foliage violet purple, with a bright green edge, changing to all hues of violet, red and even white.
Crown Jewels. Leaves rich claret, tipped and margined with bright golden yellow.
Captivation. The deeply toothed leaves are bright green, with a feathered centre of sulphur yellow, which is flushed with a pale tint of rosy purple.
Excelsior. Yellow, slightly stained with green, and maculated with crimson.
Fascination. Brilliant crimson centre surrounded with yellow, deeply laciniated green edge.
Flambeau. Richly colored, exceedingly attractive; the leaves have a broad surface of rich, velvety maroon, on which is displayed a feathered bar of bright magenta, bordered by a narrow edge of olive.
Her Majesty. An old variety and a fine bedder; color, dark red, edged with golden yellow.
Kentish Fire. Centre of the leaf bright rose color, deepening to dark crimson.
Le Negre. Dark velvety purple, leaves deeply serrated.
Multicolor. Distinct from all others. It is many colored, crimson, rose, with shades of red finely blended. Extra fine.
Mrs. Geddes. Variegated carmine, pink, cream and green; large foliage.
Mrs. Langtry. A peculiar mixture of crimson, maroon and bronze.
Mrs. J. Schultz. Color, golden, shaded with red. One of the best bedders for southern latitudes.
Progress. Color, a mixture of golden yellow, rose, carmine and green. Very fine.
Phœbus. This variety has small leaves deeply cut in at the edge; the centre being scarlet crimson with a few darker shaded patches, and the lobes yellow with green tips.
South Park Gem. Pure lemon color, stands the sun well; fine for ribbon beds.
Seraph. Fiery crimson, spotted with chocolate, bright green serrated margin.
Spotted Gem. Yellow ground, blotched crimson, green and orange.
The Shah. Lower half of leaf, rich violet crimson; upper half, golden yellow.
Tesselata. Evenly marbled with green and pale yellow.
Vershaffelti. Rich, velvety crimson. Best dark bedding variety.
Zanzibar. Ground, canary yellow; leaf blotched and veined with bronzy crimson.

DAHLIAS

The most magnificent and showy of autumn flowers, growing two to four feet high, and producing a profusion of large, double flowers of rich and varied colors. They afford a succession of bloom for two or three months. The plants should be set in good, rich soil, when danger of frost is past, and well cultivated. As they grow they should be tied to stakes, to prevent injury from the wind. In the fall the roots can be lifted from the ground and wintered in a cool cellar. Owing to the impossibility of obtaining good pot plants of these earlier than March, we prepared a stock of bulbs during the summer. These are dry and can be sent by mail at any time. When our stock of bulbs becomes exhausted, orders will be filled with pot grown plants. Pot grown plants ready March 1st. **10c.**

Price, Small Bulbs, 20 Cents.

Amazon. Yellow, scarlet tip.
Belle of Florence. White, tipped scarlet.
Bishop of Durham. Deep orange buff; a good grower and free bloomer.
Blushing Bride. Blush white, shaded with rose. A lovely flower.
Carmine. Good grower; bright color.
Duchess of Wellington. Variegated, pink, yellow and white.
Flamingo. Brilliant scarlet; fine form.
Golden Bedder. Deep golden yellow.
Guiding Star. Pure white.
Glowing Coal. Crimson scarlet; very fine.
Hector. Purplish amaranth. Pompon.
John Cocker. Black maroon.
John Harrison. Very large; crimson; fine and constant.
Little Wonder. Very dark crimson,
Magnificent. Dark rose.
Madge Wildfire. Scarlet; fine form.
Mrs. Stancomb. Yellow, with purplish red tips.
Paradise Williams. Splendid dark red.
Pearl. White.
Queen of Whites. Tall, large white.
Rival. Fine rich purple.

SINGLE DAHLIAS.

Mixed colors, plants ready March 1st.

Price, 10 Cents Each.

FERNS.

No plants form more charming ornaments for the parlor than these, with their delicate and beautiful foliage.

Price, 20 Cents Each.

Adiantum Cuneatum. Commonly known as the "Maiden Hair Fern."
Adiantum Capillas-veneris. Similar to the preceding, but more hardy, growing more luxuriantly in localities not subject to over ten degrees of frost.
Nephrolepsis Duffii. A more dwarf grower than Exaltata, but a bushy, free growing plant.
Lygodium Scandens. (Climbing Fern.) A very graceful and rapid grower of easy culture, supported by strings or wire, forms a beautiful window ornament.
Nephrolepsis Exaltata. (Commonly known as Sword Fern.) This is one of the most easily grown of the fern family, and is ornamental either as a window or basket plant.
Pteris Serrulata. Graceful, pendant fronds, deeply serrated. Very easy of cultivation.

PTERIS ARGYREA.

Pteris Argyrea. A very showy, strong growing fern, with variegated foliage; fronds large, light green, with a broad band of silvery white down the centre of each; very distinct. **25c.**

FUCHSIAS.

One of the most graceful of all flowers. A good bedding plant, as it will do excellently where other plants would not live at all, not needing as many do a very sunny place. Give them good soil and plenty of water and they cannot fail to do well.

Price 10 Cents Each, Unless Noted.

SINGLE.

Abd-el-kader. Amaranthine violet, lined with red; long, reflexed, rosy carmine sepals. Plant very vigorous and floriferous.

Arabella. White tube and sepals, corolla rose.

Aurora Superba. Tube and sepals salmon yellow, corolla nearly pure salmon; a free bloomer, bold grower, showy; a very distinct color.

Beauty's Bloom. Glossy scarlet sepals, corolla cup-shaped, violet.

Black Prince. Tube and sepals bright waxy carmine, sepals large and broad, with pale green tips, and large, open, pale pink corolla, margined with deep rose; of a very distinct and vigorous free branching habit. One of the very best in our collection.

Carl Holt. Corolla crimson, striped with white.

Earl of Beaconsfield. Blooms are three inches in length and of great substance, the tube and sepals of a light rosy carmine, corolla deep rosy carmine.

Jason. Flowers have a fine, long corolla of an intense black purple; sepals, large, long and reflexed, of a deep crimson.

Jules Ferry. Single, large, involuted petals: violet blue, marbled with white; clear red, finely recurved sepals; of peculiar form and handsome coloring; very free.

Mad. Minereau. Very fine flowers of a salmon rose color; strong grower; free bloomer.
North America. Sepals crimson, well reflexed; corolla very dark purple. A large, fine flower.
Puritana. Sepals crimson, with white corolla.
Rose of Denmark. Light pink corolla, sepals beautifully reflexed.
Speciosa. A well-known variety, producing large flowers, two inches in length, tube and sepals blush, corolla bright crimson; of very free blooming habit.
Sunray. Foliage variegated white, pink and green; flowers plum color. **15c.**
Wave of Life. Bright yellow foliage and excellent habit, with rich violet blue corolla, and scarlet sepals well reflexed.

DOUBLE.

Argus. Tube short, with well reflexed sepals; corolla double; violet blue. A beautiful flower.
Avalanche. Sepals bright carmine, dark corolla; very double and fine. One of the best.
Caroler. Semi-double, white corolla; long, clear red sepals, well reflexed.
Depute Berlet. Large, globular, double flowers of a fine violet red with a metallic shading. Perfectly curved, bright red sepals.
Elm City. Sepals rich crimson, corolla purple, globular; extra fine.
Gustave Dore. Of a very pronounced creamy yellow: clear red, well reflexed sepals; very distinct.
Jules Monge. Most perfect double flowers, with coral red reflexed sepals and long, smooth corolla of a fine lavender blue, marked with scarlet.
Le Negre. A flower of the richest beauty; double, fiery crimson corolla, heavily shaded with black.
M'me van der Strass. Fine, large and elegantly formed flowers; sepals long and beautifully reflexed, of a pure red color; corolla large and double, pure white, with base of petals tinged rose color.
Model. Pure white, double corolla, sepals long and finely recurved.
Monstrosa Alba. Very large, pure white corolla; sepals very bright red.
Noveau Mastadonte. Flowers very double and globular; very dark violet veined with red; sepals perfectly recurved and very bright.
Papin. Flowers semi-double, dark violet, with large, brilliant red sepals, beautifully recurved.
Snow White. As its name indicates, a pure white corolla; sepals red.

GERANIUMS.

Persons visiting Chicago the past season, must have been impressed with the great beauty of the Geraniums as seen in the different public parks. It may be true, the climate has something to do in producing a beauty we never have seen equaled elsewhere, but the main secret is in the fact, the varieties used have been very carefully selected, only those being used which have proved to be best adapted to the purpose. So many new varieties appear every year, the question is not, how *large* can we make our collection, but, how shall we keep it within bounds? What varieties discard and what retain? We have made it a rule to try all, and not discard an old variety unless a new one of the same color excells it. In this way we are able to keep our collection up to the highest standard of excellence without its becoming unwieldy or confusing from a needless repetition of self colors. Our collection this year is particularly strong in standard colors, new and old, that have proved to be the most valuable. We have thoroughly tested every variety enumerated, on our own grounds the past season, and as a result of our observations have marked with a * such varieties as we consider the very best for bedding purposes. Others may consider many of the varieties not starred, as being equally good. All are good as house plants and a very few varieties, while they may not be up to the highest standard as bedders, are so very beautiful in both color and form when grown as pot plants, no collection can be considered complete without them.

Price 10 Cents Each, Unless Noted.

When left to our selection, **12** for **$1.00**, or for **$1.10**, **12** geraniums, our choice, and either one of the three premiums on page **5**.

SINGLE.

Alsacien Lorraine. Enormous trusses of large and well formed flowers; very dark, rich salmon, shaded with vermilion, and lighter towards the edges of the petals. A splendid geranium.
Baron Taylor. Soft rosy salmon, edged with white, and shaded carmine in centre.
Beacon. Flowers of a deep crimson scarlet, of fine shape, small white eye; large trusses and of fine habit.
Challemel Lecour. Immense trusses of flowers of the richest crimson, lasting a long time; a strong grower.

Concours Regional. Pure rose, marked white; petals well formed.

* **Clement Boutard.** Enormous trusses of a delicate flesh white; very compact; a profuse bloomer and one of the most valuable bedders ever introduced.

Dazzler. The richest scarlet and largest white eye yet introduced.

Etoile Polaire. Deep orange; the largest truss and pip of all the singles; a strong and vigorous grower. **20c.**

Eugene Labiche. Deep scarlet, shaded orange; immense truss; very free.

* **Excellent.** Brilliant orange scarlet; very free. One of the most attractive of color.

* **Gen. Grant.** Scarlet; large truss. One of the best bedders.

Gen. Sherman. Scarlet; extra fine. A geranium of well-known excellence.

Guinea. A brilliant orange. The nearest approach to yellow of any geranium yet introduced.

Hoffgartner Eochler. A fine crimson; of round form, immense truss, and great beauty.

Jacquard. Orange red; upper petals touched with violet; white centre. A fine flower.

* **Jealousy.** A very distinct color, orange scarlet of a yellowish hue; will be found a most distinct bedding variety.

La Lorraine. Brilliant carmine; white eye; flowers of great size, in fine trusses.

La France. Flowers of fine form and borne in large trusses; color almost exactly the same as that found in the new and double variety, Charles Darwin; violet purple, with fiery markings at the base of the upper petals. **15c.**

L'Elyese. A beautiful geranium with deep orange colored flowers, graduating to salmon towards the edges; very large trusses. A superb variety. **20c.**

* **La Fanche Gaiete.** Centre pure white, outer half of petals light red; a unique variety; excellent bedder.

Louis Ulbach. A variety producing flowers of a yellowish orange; very free.

Lucius. Orange red; immense truss; extra fine.

Mary Hallock Foote. Bright pale salmon, very large; large white eye.

* **Master Christine.** Fine pink; very free bloomer. One of the best.

Mr. Parker. Color a brilliant purple scarlet; a fine flower and well formed.

Mastodonte. A decidedly peculiar flower of an irregular, cupped form. A new feature in geraniums. Very brilliant scarlet shaded with orange; of great size, as its name would indicate, and borne in good trusses. **25c.**

Merimee. A delicate and beautiful flower; orange, very bright on upper petals and intermingled with white towards the edges; dwarf.

Mentor. Rich, deep scarlet; immense pip and truss.

Minister Varroy. Plant of good habit, carrying voluminous and perfect trusses of bright vermilion shaded and marked with red. It belongs to the nosegay section. One of the best.

New Life. We know of no geranium so novel as this, when in perfection, but inclined to sport back to plain colors, and for this reason can give no guarantee of its answering in all cases to the description usually given.

P. L. Courier. Immense spherical trusses of clear vermilion flowers.

Queen of the West. Orange rose, fine bedder; very large truss.

* **Rev. A. Atkinson.** Dark crimson, with very large pip and truss. A fine bedder.

* **Ralph.** A fine dark crimson, suffused with amaranth, free blooming, large, globular truss, foliage a beautiful dark green. It is a first-class bedder, a rapid grower, and far excels all others of its class in desirable qualities known to us.

Souvenir de Cuigneau. Flowers velvety flame color, shaded purple; compact grower and very free bloomer.

Sarah Bernhardt. A splendid new white geranium, entirely distinct; flowers pure white, without even colored stamens, of nosegay shape, and borne in excellent trusses.

Thomas Carlyle. This is the climax of the series of orange and salmon geraniums with single flowers; very large, immense trusses; the centre of the flower almost a clear vermilion, gradually shading to salmon, and much lighter at the border. Grand. **15c.**

W. K. Harris. Very large truss, pale blush, with much deeper centre. Very delicate and beautiful.

* **White Clipper.** The best white flowered zonal.

* **White Vesuvius.** A valuable addition to our list of white geraniums, blooming very freely.

* **Wm. Cullen Bryant.** Color, a soft, rich, pure scarlet; truss large and the individual flowers of good size and form. Fine.

DOUBLE.

Ami Hoste. Deep, dark crimson, heavily shaded with rich purple, and marked vermilion on the upper petals.

Asa Gray. A well-known salmon colored geranium.

Auguste Villaume. Vermilion; very large, showy pip and truss.

Barthelemy St. Hilare. Most beautiful. A thick petaled flower, of fine form and delightful color; creamy white, overlaid with salmon and slightly edged with rose. **20c.**

Bishop Wood. Upper petals carmine scarlet, shaded to vermilion, lower petals violet rose; of dwarf habit: a decided improvement, the color of the flower being distinct from any other double geranium.

Boussingault. A striking novelty, of a vivid color, and bearing its flowers in enormous trusses; orange vermilion softened with rose, color in the centre of the florets of a flaming character.

* **Bridal Bouquet.** One of the best double geraniums; dwarf habit, free bloomer, flowers pure white.

Commandant Ott. Enormous truss, scarlet orange shading into vermilion; habit and form very fine, carrying its trusses well above the foliage.

Chas. Darwin. This is the richest and most highly colored of all the new geraniums of last year; and it is difficult to convey by description a correct idea of its beauty. The different shades are crimson, amaranth and purple; so blended and shaded so as to produce the most brilliant and pleasing effect. It also has the merit of being a vigorous grower. **20c.**

De Candole. A magnificent variety, of dwarf habit and a very free bloomer; flowers very rich carmine pink, produced in immense globular trusses.

* **Denfert Rochereau.** Deep, dark red, bordered with salmon; distinctly margined with white; very large trusses.

Devouka. Flowers very full and well formed, and of a deep mauve color, shaded currant.

Dr. Jacoby. Enormous truss of large, very double flowers; clear nankeen salmon. A pleasing and distinct color.

Dr. Phinny. Intense scarlet, shaded with deepest chestnut crimson; individual flowers of great size; trusses very large and freely produced. A superb variety of great merit.

Ed. Andre. A beautiful flower, of a dark rose, shaded with violet; enormous trusses, on firm stems.

Edward Laquin. Rich crimson, shaded vermilion; large and showy truss.

* **Edmond About.** A fine variety, producing enormous trusses of a clear coppery red color, paler toward edges.

* **Emile de Girardin.** A splendid variety, producing immense trusses of flowers, of a clear rose color.

Eugene Boudouin. Flowers bright rose, with blotches of white on upper petals.

F. V. Raspail. Beautiful deep scarlet, fine large pips of good form; compact habit. One of the best.

* **Gambetta.** Dark red; immense truss and pips, which make it very attractive.

Guillion Mangelle. Splendid large round truss of rich carmine crimson; prolific bloomer; good bedder.

Hazel Kirke. This is a variety with immense trusses of rich purple crimson flowers, short jointed growth; a most distinct and beautiful geranium.

* **Henry Cannell.** One of the best. Flowers of intensely deep scarlet, and very large, many of the florets measuring over two inches in diameter, approaching to nearly a double flower; trusses of good shape and very freely produced.

* **Heroine.** A free flowering variety, producing immense trusses of fine, large and full, pure white flowers.

J. P. Stahl. Deep soft rose edged with salmon. A very pure and pleasant color. A splendid variety.

La Constitution. This beautiful variety has flowers of a glowing yellowish salmon, the nearest approach to yellow of any; very brilliant, trusses large and double, a free bloomer, neat habit. A fine plant for bedding or pot culture from its very distinct color and habit. This geranium is identical with "Asa Gray," embodying all the qualities that rendered it so popular at the time it first appeared.

Lemoine's Cannell. The color is a rich amaranthine red, the upper petals very strongly marked with purple, producing a very rich and beautiful effect. **20c.**

* **Le Niagara.** The finest of all the double whites, having the purest color and the best shaped flower of any double white known to us. Flowers large, well formed, and of pure white color; growth vigorous, producing fine, bushy plants.

Le Notre. Dark rosy violet, upper petals marked with purple: fine flowers and truss.

L'Orangere. Large and perfect flower of a pure orange, very bright and attractive.

Louis Boutard. Brilliant orange salmon; a splendid variety.

Mad. Thiers. Immense trusses of large and beautiful flowers of excellent form: white, lightly shaded with red, at the decline of the flower. A very pretty variety.

* **Mad. Thiebaut.** Large and very double flowers, of a beautiful rich color, shaded carmine violet, base of the petals white. An exceedingly distinct and fine flower.
* **M'lle Amelia Baltet.** A very distinct variety, having pale green leaves and pure, double white flowers borne in compact trusses well above the foliage. A superb flower.

Majeste. Rich carmine rose, shaded with orange; free bloomer.

Maroussia. Large, well formed flowers, of a beautiful rich, red color, shading lighter toward the edges.

M. Machet. A very fine dwarf growing variety; flowers of medium size and well formed; color, orange red and spotted white, forming a very pretty and unique colored flower. A very free bloomer.

M. Pasteur. A splendid variety with large globular trusses of rich, red flowers, shaded with orange; dwarf grower, after the style of "Guillion Mangelle." A very floriferous variety.

Paul Charbonnier. Light orange scarlet, almost a flame color; flowers large and of fine form.

* **Mrs. Charles Pease.** Habit of plant dwarf, freely branching, forming compact bushes of growth covered with trusses of double flowers of an exquisite deep pink color with the upper petals distinctly marked with white, so much as to make it appear as if one-half the flower was white; producing quite a novel effect.
* **Mrs. E. G. Hill.** The flowers are double, of most exquisite shape, ground color pale blush, overlaid with a delicate lavender shade; trusses of great size, keeping in perfect shape for a long time. The habit of the plant is strong, robust and very free flowering.

Minerve. Very delicate flesh color, flowers semi-double, large, and borne in fine trusses. **20c.**

Minister Constans. Flowers very large and full; bright orange, shaded with salmon; delicate and clear.

Noirot. Very dark red, changing to rich crimson; magnificently colored.

Nymph. White, lightly tinged with rose; large, globular flowers produced in immense trusses.

Perle des Roses. Pure rose color, with a light base to the upper petals; bright and very pleasing.

* **Peter Henderson.** A fine variety with exceedingly bright orange scarlet double flowers of fine shape.

Prokop Daubeck. Very bright, pure, soft rose color; most charming shade; a beautiful flower, very double and free.

Pres. Garfield. One of the best of the geraniums of its color; a splendid bedder; strong, vigorous grower, blooming in great profusion; color, scarlet, tinged with crimson and purple; very beautiful.

Pres. Leon Simon. A beautiful geranium; flowers of perfect form, bright, clear red flamed with salmon; large truss; vigorous.

Remarkable. Very deep, rich crimson; trusses very large, and as freely produced as the freest flowering single kinds.

Representant Baudin. Deep velvety crimson, shaded with a deeper color—almost black. Magnificent in color, and very free.

* **Richard Brett.** Immense trusses of flowers of that peculiar orange color of which "Jealousy" is the type; very double; an entirely new shade amongst double varieties; a grand bedder and of great merit.

Robert George. A deep crimson scarlet of great size; a remarkably free flowerer, and of fine, strong growth, without coarseness.

Rubis. A very fine variety, with immense trusses of bright scarlet flowers; a dwarf grower and very free bloomer.

Stanislaus Melingre. White, flaked with salmon, shading to rose; a flower of fine form and substance. A showy and effective variety.

* **The Blonde.** Another very distinct and beautiful variety, quite different from any of its class; ground color salmon, deeply shaded orange, base of petals white, with a distinct margin of white around each; flowers of the finest shape; trusses of great size; habit all that can be desired.

The Ghost. Flower white, finely formed, petals waxy and of great substance.

BRONZE.

Price, 20 Cents.

Corinne. Clear golden yellow foliage; flowers, double, trusses good size: color, fiery orange. **25c.**

Earl Rosslyn. Bright gold margin, zone bright chestnut, laced with dark bronze.

Marechal McMahon. Ground color of the leaves golden yellow, marked with a deep chocolate ring; flowers scarlet. A grand variety. No variegated geranium of its class yet equals it.

Magician. Foliage dark green, with greenish yellow disc; flowers orange scarlet; double.

Prince Bismarck. Foliage yellowish green, with narrow zone of deep chocolate; flowers salmon, tipped white. A splendid variety.

DOUBLE IVY-LEAVED.

Price, 10 Cents.

A. F. Barron. Flowers full and grand; lilac rose. A beautiful variety;

Anna Pfitzer. Flowers very large, semi-double; color, clear rose.

Gloire d'Orleans. A magnificent variety; flowers very large, of light violet red. Always in bloom and flowers in clusters.

M. Dubus. Flowers single, very large; bright carmine red, blotched with purple on the upper petals

L'Elegant. Leaves margined with white; good for vase or basket. **20c.**

Robert Fortune. Very full, round and double; clear carmine red, extremely vigorous and blooms freely.

SWEET SCENTED.

Price 15 Cents.

Mrs. Taylor. Scarlet flowering, rose scented.

Rose. Very fragrant. **10c.**

Shrubland Pet. Small miniature growth, rosy red flowers.

TRI-COLORED.

Distinction. The markings of this are very peculiar: the leaf which is a deep green being circled near the outer margin by a narrow band of deep black; a dwarf compact grower. **25c.**

Happy Thought. A very unique variety of the zonal section, different from the ordinary group; instead of the outer belt or margin, in this instance, the color forms a large, conspicuous, cream yellow blotch in the centre or disc of the leaf; the flower is a rich magenta rose, tinted with scarlet. **15c.**

Mrs. Pollock. Leaves green, bright, bronze red zone, belted with crimson, edged with golden yellow, a beautiful plant. **25c.**

Mountain of Snow. A fair grower, and for ribbon lines or massing is one of the best. The centre of leaf is bright green, the outer margin deeply marked with silvery white; flowers bright scarlet. **15c.**

GLADIOLUS.

Large bulbs, which bloom during the summer or fall. The flowers are arranged on long spikes, and are very richly colored and often gorgeously marked and blotched. When good bulbs are purchased, they are absolutely certain to bloom, and require no care whatever after being planted, Each bulb produces from one to three spikes, which continue brilliant for two or three weeks. By planting gladiolus at intervals of a couple of weeks from early in April until July, flowers can be had constantly from June until frost. Set the bulbs so that the top is about two inches below the soil. They should be taken up in the fall and kept in a dry cellar or cool closet until spring.

NAMED VARIETIES.

Agatha. Rose suffused with lake, flamed with carmine amaranth, clear yellow spots. **15c.**

Angele. White, slightly flush, light carmine blotches. **25c.**

Antonius. Fine spike of large flowers, cherry colored, tinged with orange and blazed with carmine; white stains. **15c.**

Brenchleyensis. Rich dark scarlet; very brilliant. **10c.**

Ceres. Pure white, flamed lilac. **25c.**

Eugene Scribe. Flower very large and wide; perfect; tender rose, blazed with carmine red. **25c.**

Felicien David. Cherry, light carmine, feathered white blotch. **25c.**

Flavia. Very bright red. **15c.**

Galathea. Bluish white with carmine blotch. **15c.**

Isaac Buchanan. The best yellow variety grown. **30c.**

James Carter. Light orange red, with a large, pure white blotch. **20c.**

John Bull. White, slightly tinged with sulphur. **10c.**

La Candeur. White, lightly striped with carmine violet. **50c.**

Laura. Light orange red, tinged and flamed with carmine; pure white blotch. **15c.**

Le Poussin. Light red, white blotch. **15c.**

Lord Byron. Scarlet, with white spots. **15c.**

Mme. Monneret. Delicate rose, with white stripe in centre of each petal; carmine blotch on salmon ground. **15c.**
Meyerbeer. Brilliant nasturtium red, blazed with vermilion; dark stains; fine spike. **25c.**
Napoleon III. Bright scarlet and white. **15c.**
Princess of Wales. White, flaked carmine. **15c.**
Romulus. Intense dark red, blotched with pure white. **25c.**
Shakespeare. White, very slightly suffused with carmine rose; large rosy blotch. **50c.**
Thalia. White, flamed and streaked with carmine. **25c.**
Thunberg. Cherry orange, pure white spots. **25c.**

CHOICE MIXED COLORS.

Parties not caring to have any particular color, but wishing a fine unnamed assortment for bedding, will find our mixture unsurpassed.

Price, **$1.00** per doz. By Express, **$7.00** per **100.**

HIBISCUS.

Large growing tropical shrubs, with very glossy foliage; planted in the garden in our Northern States, they are very fine during the summer months, but in the Gulf States, in which they are hardy, and can remain year after year, they are simply grand; their rich, dark, glossy foliage, contrasted with their large, scarlet, bell shaped flowers, produces a fine contrast and beautiful effect.

Price, 15 Cents.

Baptisti. A most remarkable flower, and exceedingly showy; crimson scarlet; the base of the petals cream color, with lines and bands of creamy white all through the flower; double. **25c.**
Collerii. A remarkably free and distinct variety. The general appearance of the plant, and the character of the ornate foliage correspond with those of the type, but the flowers are of a buff yellow, with a crimson scarlet base, and are particularly handsome.
Cooperii. Foliage variegated white, green and pink.
Fulgidus. Single flowers of great size; intense scarlet, blotched with crimson in the centre. Beautiful and distinct.

Miniatus Semi-Plenus. Immense semi-double flowers; dark vermilion scarlet. Petals wavy and re-curved.
Rubra. Deep blood red, shaded crimson, of elegant form, large and double.
Zebrina. An odd and remarkable flower; double; the outer petals scarlet, edged with yellow; inner petals very irregular, curiously variegated with creamy yellow and scarlet.

HELIOTROPES.

No garden is complete without these sweet scented plants. Given a warm location and good soil they are profuse in bloom the entire season, loading the air with their fragrance.

Price, 10 Cents.

Etoile de Marseilles. Very dark violet purple; foliage and stems dark; distinct.
Jersey Belle. Dwarf; dark blue.
Mad. de Blonay. Very large truss of nearly pure white flowers; very free bloomer; makes a good pot plant; one of the best.
Mina. Very fragrant; blue flowers in fine trusses.
Miss Nightingale. Beautiful shade of lilac; fragrant.
President Garfield. Of fine habit; compact growth, with large trusses of deep blue purple flowers.
White Lady. A strong growing, free branching plant, very profuse in bloom; the flower is extra large, composed of racemes which will average four or five inches in length, and of the purest white.

HYDRANGEAS.

Shrubby plants; some entirely hardy, others nearly so. The flowers are borne in enormous heads, which remain in perfection several weeks. Can be wintered in cellars in the more Northern States.

Price, 15 Cents.

Hortensis. The well-known garden variety, has immense heads of beautiful pink flowers.
Otaska. Large flower, color pink, tinged with light purple.
Paniculata Grandiflora. (See hardy shrubs.)
Thomas Hogg. Very large flower of pure white; valuable for cemetery decorations or for pot culture.

LANTANAS.

The Lantana is a favorite, esteemed for pot culture and the flower border. The plant forms a neat dwarf bush twelve to eighteen inches high, profusely studded all summer and fall with a succession of pretty corymbs of flowers of all shades, from snow white with lemon centre, to pink and rose, orange, scarlet and rosy lilac, with creamy centres.

Price, 10 Cents.

California. Very dwarf; flowers dark yellow, completely covering the plant; a fine bedder.
Clio. Lemon, changing to magenta; very large flower.
Golconda. Saffron, changing to soft orange; very distinct.
Globe d'Or. Very dwarf, brilliant orange yellow; distinct. A fine new yellow.
Harkett's Perfection. Is undoubtedly the best variegated bedding or pot plant to stand the sun. The leaves are golden yellow with dark green blotch in centre, having rich, rose colored flowers with orange centre, beautifully harmonizing with the foliage.
Innocence. Dwarf; light sulphur, changing to pure white. 15c.
Jacques Minot. Buds red, orange yellow when open, changing to bright orange; a free bloomer and magnificent bedder.
J. Schultz. Flowers open, blood red, changing to crimson.
La Neige. Plant very bushy, growing about eighteen inches high and covered completely with flowers of medium size, pure white with faint shade of lemon.
Le Styx. Vivid red, passing to crimson purple. 20c.
Le Patriot. Orange buff, changing to violet purple.
Multiflora. Yellow, changing to orange.
Meteor. Semi-dwarf; flowers very small; pale yellow, passing to violet rose. Very distinct and showy.
Prince de Gales. Yellowish bronze, with a large fiery red centre. One of the best.
Phosphore. Lemon, changing to orange; compact growth.
Princess Mathilde. Yellow, changing to pink; fine, large truss; foliage large and light green.
Toison d'Or. Deep orange; centre, shading from lemon to white.
Triomphe du Commerce. Beautiful flowers of a bronze yellow color; centre, fire, passing to lilac.
Schmidtii. Yellow, passing to orange.

SALVIAS.

Elegant bedding plants, blooming until frost.

Price, 10 Cents.

Alba. A variety of splendens, identical in every respect except in color, which is pure white.
M. Issanchon. Flowers creamy white, regularly variegated with scarlet; dwarf; free flowering.
Mrs. Stevens. Crimson maroon flowers, rich and beautiful; very free bloomer.
Marmorata. A neat dwarf grower; flowers evenly marbled scarlet and white; very distinct and fine.
Officinallis Variegata. A beautiful variegated leaved variety.
Splendens. Brilliant scarlet; a free bloomer.

TUBEROSES.

One of the finest plants grown, producing many beautiful pure white double flowers on long, upright stalks; delightfully fragrant. They may be planted and cultivated in pots or in the open ground. If planted in the open ground, they should not be put out until the weather has become settled. They begin to flower in September, and continue to bloom until frost. For flowering in pots late in the fall, the bulbs should be kept dry and cool until July, pot then, place in a cool, partially shaded location, give water very sparingly for a month or more, shifting and watering whenever the growth seems to demand it.

Price dry bulbs:

Best double, 8c. each, 75c. per dozen.
Pearl, 10c. " $1.00 " "

MISCELLANEOUS PLANTS.

There are many valuable bedding and house plants not described in the preceeding pages; these comprise so many varieties of only one or two of a kind, we group them all under the above general head.

ALYSSUM.

Price, 10 Cents.

Rapid growing plants, producing white heads of bloom in great profusion. Fine for bedding or baskets.

Collossus. For summer bloom we have seen nothing to equal it, the flower being three times the size of ordinary varieties.
Double. A perfect double flower, being much whiter and more compact than the old single variety renders it very desirable for cut flowers.
Double Variegated. The leaves are shorter than the old variegated variety, and instead of the outer edge or margin being of a yellowish cast, as in that, is nearly white. The flower is much the same as the well-known Double Alyssum, although not as profuse a bloomer. It beds finely, the habit being round, compact and symmetrical, and produces a very fine effect as a border plant.

ANTHERICUM VITATUM VARIEGATUM.

This is certainly one of the most useful plants for baskets or vases, as it will survive abuse or neglect, and recuperate rapidly, whenever attention is given to it. Being a rapid grower, one plant is sufficient to fill an ordinary sized basket—and the bulb can be preserved from year to year. The leaves are dark green, beautifully marked with broad stripes and bands of pure white. It produces long spikes of star shaped flowers, which are quite effective; thrives well in either sun or shade. **50c.**

ALOYSIA CITRIODORA. (*Lemon Verbena.*)

Foliage delightfully fragrant. To simply brush against it is enough to perfume an entire room with its delicious lemon odor. **10c.**

AZALEA INDICA.

Flowers large and very showy; for house culture should be kept in a cool place; blooms early in spring. Plants furnished of pure white or in colors as desired. **35c.**

CALLA ETHIOPICA.

It requires plenty of water during the flowering season. The flowers being large and pure white are in great demand for decoration, especially at Easter. It is one of the best house plants grown, being quite hardy and very sure to bloom. Price, small plants by mail, **10c.**

Large plants by Express, from **25** to **50c.**

CAMELLIA JAPONICA.

A greenhouse evergreen tree, of slow growth; flowers large, double, and of a very delicate texture, resembling a rose, but much finer. Should be kept in a cool place so the buds are not forced into bloom; a very choice selection; red, spotted and pure white. **35c.**

Large plants by Express. **$1.50,** each.

CALADIUM. (*Fancy Leaf*)

These beautiful plants grow luxuriantly in all warm climates. At the North, they are well adapted to Wardian cases, and also render conservatories bright and attractive with their gaily colored leaves. Of these, we have ten of the best varieties. Price, dry bulbs, **15c.**

CALADIUM ESCULENTUM.

The foliage of this tropical plant is of immense size, the leaves often measuring eighteen inches by two feet. It is particularly fine when grown either as a single plant, or in groups on the lawn. Price, dry bulbs. **25c.**

CANNA INDICA.

Plants with broad, massive, rich foliage imparting a tropical aspect to gardens, though having also the advantage of additional beauty in their flowers. Price, single bulbs, dry. **10c.**

CESTRUM LAURIFOLIUM. (*Night Blooming Jasmine.*)

Of handsome, shrubby growth, with small greenish white flowers which during the night emit a delightful fragrance. A well known plant of easy cultivation. **15c.**

COCOLOBA PLATYCLADA.

Stems and branches in broad flat joints; of a drooping, fern-like habit; an excellent house or basket plant. **10c.**

CUPHEA. (*Cigar Plant.*)

Platycentra. Of low habit and completely covered with crimson and dark red tube-shape flowers the entire season. It is a fine bedding and winter blooming plant. **10c.**

Hyssopifolia. An exceedingly pretty little plant, admirably adapted for borders, flower beds, hanging baskets, vases, etc. Flowers bright lilac, produced the entire year. **10c.**

CYCLAMEN PERSICUM.

As an ornamental house plant it is excelled by few, and its flowers as an ingredient in the formation of bouquets and baskets of cut flowers in winter, are not surpassed. **15c.**

CYPERUS ALTERNIFOLIUS.

A plant of peculiar formation. It produces many smooth, erect growing stems about two feet high, which are crowned with a bunch of long, narrow leaves, giving it a close resemblance to an umbrella, for which reason it is sometimes called the Umbrella Plant. It is desirable for garden decoration, and will also succeed well when grown in water. **15c.**

DAISIES.

Belle of Dubuque. This is by far the largest and finest Double White Daisy in cultivation; the flowers are very full and perfectly formed, and will bloom freely in a low temperature. **15c.**

EUCHARIS AMAZONICA.

A bulbous rooted plant with broad lily-like leaves; the flowers are produced on stems twelve to fifteen inches high, each stem bearing four to five pure white star-shaped flowers, four inches across and delightfully fragrant. Large blooming bulbs. **50c.**

EUPHORBIA SPLENDENS.

A handsome plant for greenhouse or conservatory, of peculiar appearance, the stout, stiff-looking branches being covered with spines an inch long; foliage small and pretty; flowers of a bright cherry crimson, produced in clusters. **25c.**

FEVERFEW.

Golden. Fine for ribbon work. **10c.**

Double White. Small double white flowers, in immense clusters, borne well above the foliage. Blooms constantly and freely, and grows to about the height of two feet. **15c.**

FICUS.

Elastica. (*Rubber Tree.*) Thick, shining, leathery leaves, ten inches long, by three wide; will stand the hot, dry atmosphere of the house and grow finely under unfavorable circumstances; makes a strong pot plant. **50c.**

Repens. A fine creeper for greenhouse or baskets; and as an out-door climber in the South. **15c.**

GNAPHALIUM.

Lenatum. A downy, white foliaged plant of creeping habit, well adapted for a white line in ribbon borders, also a fine basket or vase plant. **10c.**

HABROTHAMNUS.

These shrubs are natives of Mexico and said to be among the most striking in appearance in that country in their wild state.

Coccineus. A bright scarlet variety of this winter-flowering plant, bearing a profusion of bright scarlet tassel-like flowers; valuable for forcing.

Elegans. Flowers of bright carmine, borne profusely in drooping panicles; also a first-rate winter blooming plant.

JASMINUM MULTIFLORUM.

The flowers which are pure white, are borne in clusters. We know of no plants, of any kind, that flower so freely, and as a house plant it is unequaled, blooming constantly from early fall until summer. It requires plenty of light and will thrive in considerable heat, making fine specimens and producing thousands of flowers. **35c.**

LAGERSTRAEMIA INDICA. (*Crape Myrtle.*)

Very pretty flowering shrubs, natives of the Southern States. The flowers are light, feathery and very graceful, and are borne in great profusion. In the North it can be grown in a tub or box, or planted in open ground in summer, and kept in cellar over winter. We offer three varieties, **white, pink and crimson. 25c.** each.

LILIES.

Day Lilies. (*Funkia Alba.*) Pure white flowers, very large and fragrant; large, handsome foliage. **25c.**
Lillium Candidum. Pure white; beautiful, sweet-scented flower. Price, flowering bulb. **20c.**
Lily of the Valley. (*Convallaria Majalis.*) This beautiful little plant is extensively grown for forcing in winter and early spring months, the pendulous grace of its white flower and spike being much prized in the construction of the most valuable baskets and bouquets. Price, roots suitable for spring planting. **$1.00** per doz.

NYMPHEA ODORATA. (*Water Lily.*)

Snowy white, leaves dark green; the plants are especially adapted for ornamenting ponds, aquariums, etc. **35c.**

LIBONIA PENRHOSIENSIS.

A winter-blooming plant; flowers, scarlet tipped with yellow; beautiful foliage; easily cultivated and adapted to the greenhouse or hot-house. It should be planted in the ground in May, lifted and potted in the fall. **10c.**

MAHERNIA ODORATA.

A neat growing vine, with small, delicate leaves, coming in early spring; flowers yellow, bell-shaped, very fragrant. **15c.**

MYRTUS COMMUNIS. (*Bridal Myrtle.*)

A pretty little evergreen plant for pot culture, of dense habit and very small, dark green, glossy foliage, which has a pleasant odor. Much used in the formation of bridal wreaths and bouquets. **15c.**

MYOSOTIS PALUSTRUS. (*Forget-me-Not.*)

A hardy herbaceous plant, with light blue flowers in clusters; very pretty. Does best in a shady place, with a good supply of water. **15c.**

NERIUM. (*Oleander.*)

A genus of large shrubs from India, adapted to the cool greenhouse, or living room; producing very showy flowers in large masses. Put in good, rich loam with a little manure and sand.
Kenwood. An excellent light pink; flowers large and double. **15c.**
Lilian Henderson. Double white flowers; well formed. **25c.**
Madona Grandiflora. A splendid variety, with flowers as pure white as "Cape Jessamine;" semi-double and large. **35c.**
Macrophyllum. A fine double red, very large flower. **15c.**

OTHONNA CRASSIFOLIA.

It has a dwarf, creeping or pendulous habit, with slender, round, fleshy, light green leaves, and small axillary flowers. As a plant for hanging baskets, flourishing in a cool temperature, it is very fine. Its numerous graceful stems, droop over the sides of the pot or basket, and its sedum-like foliage glistens under the bright sun. Also suitable for carpet bedding among succulent plants. **15c.**

TABERNÆMONTANA.

(For Description see page 57.)

PANICUM VARIEGATUM.

A beautiful variegated and attractive grass, especially useful for vases, baskets, etc. **15c.**

PILEAS.

Arborea. A pretty little plant growing from six to eight inches high, resembling some of the ferns in general appearance. Its graceful drooping habit makes it desirable for vases and baskets. **10c.**

Repens. Another variety of low, dense growth, only three inches high, and of bright green color, well suited for edging of baskets or vases. **10c.**

POMEGRANATE.

James Vick. The Pomegranate is a half hardy shrub which can be wintered in the cellar, and if set out on the lawn in summer will flower beautifully. This variety is dwarf and very free, blooming on quite young plants. The flowers are brilliant orange scarlet. **25c.**

PLUMBAGO.

Price, 15 Cents.

Rather scarce plants answering admirably for summer and winter blooming.

Capensis. A most beautiful plant, producing freely throughout the summer and fall large trusses of azure blue flowers, forming a pleasing contrast to the numerous scarlet bedders.

Larpentæ. Dark blue.

Rosea. Of dwarf, compact growth; bright rose colored flowers.

POINSETTA PULCHERIMA.

This plant is one of the essentials to the grower of cut flowers for winter, on account of the dazzling scarlet bracts which surround the unconspicuous flowers. As it is a tropical plant, it requires a hot-house temperature of not less than seventy degrees for its full development. Grown in this heat it is a plant of the most gorgeous beauty, and is in perfection at the holidays. The bracts surrounding the flowers on well grown plants average from eight to twelve inches in diameter. 25c.

RICHARDIA.

RICHARDIA ALBA MACULATA.

A plant belonging to the same order as Calla Ethiopica, with beautifully spotted leaves. It flowers abundantly during the summer months, planted out in the open border. The flowers are shaded like those of a Calla, and are pure white, shaded with violet inside. It is a deciduous plant, kept dry in winter and starts in spring like a Dahlia. 15c.

RIVINIA LÆVIS.

A most charming plant bearing long pendant spikes of small pinkish white bloom, followed by brilliant red berries. It is almost always in bloom and possesses the peculiarity of bearing fruit at the same time. 15c.

ROSEMARY.

A well-known fragrant shrub of easy culture, thriving everywhere. 10c.

RUELLA FORMOSA.

A winter flowering plant, bearing Salvia like flowers of the most brilliant scarlet during the entire winter months. 15c.

SAXIFRAGA.

Sarmentosa. Handsome plant of low habit, nearly round leaves, and striped freely with silvery bands. 15c.

STEVIA.

Valuable plants for winter bloom, throwing long spikes of white fleecy flowers during the months of December and January.

Serrata. White flowers, dark green foliage. 10c.

Serrata Var. Leaves variegated with creamy white. 10c.

TABERNÆMONTANA.

Coronaria, Fl. Pl. A most beautiful plant; should be treated just like an Oleander; can be wintered over in the cellar and kept from year to year. The plant is neat and compact, producing, in great numbers, double flowers of the purest white, and of the form represented in our cut. Fragrant; a beautiful and valuable shrub.

1st size, small plants by mail, 75c.
2d " " " " " $1.00.

VERBENAS.

These are among the most useful and popular plants for bedding out. They afford a constant bloom and an almost endless variety of color and markings, and are of the easiest possible culture, succeeding in any common soil. Price 10c. 75c., per doz.

SUMMER VINES AND CLIMBERS.

These are all valuable plants in either green-house or conservatory, but where the climate will admit of their being planted in the open ground, the most luxuriant growth, and best effect will be produced.

ALLAMANDA HENDERSONII.

A valuable greenhouse plant, having large, deep yellow flowers four inches in diameter. It can be trained to climb, or can be grown in bush form, as desired. It blooms nearly the entire season. **25c.**

CALONYCTION GRANDIFLORA.

A handsome and useful vine of very rapid growth, the leaves large, smooth, rather dark green, heart-shaped and pointed, flowers large (three inches in diameter); white, with a five-pointed star extending through the centre of the petals; one of the strongest growing vines. **25c.**

CAMPSIDIUM FELICIFOLIUM.

An elegant climber of rapid growth in greenhouse or conservatory, the leaves of which much resemble the fronds of a fern in miniature, giving it an unusually graceful appearance. It may be grown as a pot plant or trailed on rafters; very desirable. **25c.**

CISSUS DISCOLOR.

A most magnificent hot-house climber with leaves beautifully shaded with dark green, purple and white. Requires the highest hot-house temperature in winter to retain the beauty of its markings. Will do well in the parlor in summer. **25c.**

CLERODENDRUM BALFOURI.

Flowers, which are of a bright scarlet, are incased by a bag-like calyx of pure white; the trusses or pannacles of flowers are upward of six inches in width, and when trained upon trellises and hanging down, have a rich and elegant appearance; continually in bloom. **10c.**

HEDERA, OR IVY.

A class of handsome evergreen vines, clinging by small rootlets to any building. All the members are highly ornamental and desirable. Quite hardy in the greater part of the country.

Conglomerata. This odd looking variety has very dark green foliage with a honey-combed and shriveled aspect; tufted and compact; entirely distinct from all others, being quite a curiosity from its odd shape and growth. **50c.**

Helix. The well-known English Ivy; universally esteemed. **10c.** Large plants by express, **35c.**

Taurica. (*Russian Ivy.*) Small foliage, very hardy and a vigorous grower. **10c.**

HOYA CARNOSA. (*Wax Plant.*)

An excellent climbing plant for house culture, with thick, fleshy leaves, bearing umbels of flesh-colored flowers from which are exuded large drops of liquid having a honey-like flavor. Care should be taken not to cut away the flower stems, as they have the propensity of producing from the same stem a second or more crop of flowers. **25c.**

JASMINIUM GRANDIFLORUM. (*Catalonian Jessamine.*)

A beautiful white Jasmine of exquisite fragrance; the flowers are produced in great profusion, blooming at least six months out of the twelve. It is of neat, bushy growth, and a very desirable plant for the parlor or conservatory. **10c.**

STEPHANOTIS FLORIBUNDA

(For Description see page 60.)

LIXARIA CYMBALARIA. (*Kenilworth or Coliseum Ivy.*)

Plants of drooping or trailing habit, with small delicate foliage; excellent for baskets, etc. **10c.**

MYRSIPHYLLUM ASPARAGOIDES. (*Smilax.*)

As a climbing plant it is unsurpassed. Its hard texture enables it to be kept without wilting for several days after being cut. **15c.**

PASSIFLORA. (*Passion Flower.*)

A beautiful class of rapid growing climbing plants, well adapted for house culture in winter, or for training over porches, etc., in summer.

Alata. Blue and white. **15c.**

Alba. White. **15c.**

Trifisciata. This very elegant Passion Vine is one of the most unique plants that has been introduced for some time. The ground color of the leaf, which measures four to five inches, is a rosy carmine; the central or variegated portion has three shades—white, rose and carmine. A desirable addition to any collection of hot-house plants. Should be protected from the hot rays of the sun. **15c.**

PILOGYNE SUAVIS.

A rapid growing climber with small, glossy, green leaves. It does well at all seasons in the house, while out of doors in the summer it has no equal for shading the veranda or summer-house. Flowers yellowish white; fragrant; an excellent basket plant. **15c.**

SENECIOS.

Macroglossus. Of a dark metallic green hue, veined with silvery grey; thick, fleshy leaves which so nearly resemble the English Ivy that it is frequently mistaken for it; of vigorous climbing habit. A splendid basket or vase plant, suitable for in door or out of door culture. **10c.**

Scandens. The well-known German or Parlor Ivy. Very desirable for baskets, vases, etc., or for covering trellis-work. **10c.**

STEPHANOTIS FLORIBUNDA.

A grand old vine with pure white, deliciously fragrant flowers, which are borne in clusters like Bouvardia, but of much heavier and wax-like texture. They are very durable, also, remaining fresh for a long time; commences to bloom in the greenhouse early in March, continuing until August. Our engraving on page sixty-two is from a spray cut during the latter month. An invaluable plant in any locality.

Price, 1st size, 25c.

" 2d " 50c.

VINCAS.

Major Variegata. A beautiful variegated trailing plant, admirably adapted for hanging baskets and vases; leaves glossy green, broadly margined with creamy white; flowers blue. **10c.**

Harrisonii. A variety of strong growth; margin of leaves rich dark green, with the central portion light green; furnishing an abundance of light blue flowers. **10c.**

NEW SHRUBS.

ALTHEAS.

Boule de Feu. Very bright purplish red flowers; of good size and form; very double. 25c.
Albus Plenus. Large flowers, very double, pure white. 25c.
Leopoldii. Flesh color, shaded rose; large and double. 25c.

CEANOTHUS.

Azur. Very large trusses of blue flowers. Very beautiful. 75c.
Phare. Flowers violet red, produced in large clusters. A beautiful shrub producing flowers similar to a Veronica, but somewhat larger. 75c.

GYNERUM. (*Pampas Grass.*)

Wesserlingii. A variety with silver variegated foliage; very ornamental showy plumes. 75c.

HYDRANGEA.

Tricolor. A beautifully variegated Hydrangea, with rose pink leaves, shaded yellow and green. 50c.
Tolenis Rosea Marginata. Leaves pale green and white, edges lined with bright rose. Very beautiful. 50c.

PHILADELPHUS.

Multiflorus Plenus. Semi-double, pure white flowers. A beautiful shrub. 25c.
Dianthaflorus Plenus. Dwarf, with double, cream colored flowers. Very fragrant. 25c.

WEIGELIA.

Emile Galli. Large clusters of bright carmine flowers, shaded purple. A vigorous grower. 35c.
Paul Duchartre. A Hybrid variety with large trusses; flowers bright amaranth. 50c.

HARDY SHRUBS AND VINES.

No garden should be without a good selection of these permanent ornaments. Once carefully planted in suitable positions, they increase in size and beauty almost indefinitely, and require but little further care. The season of bloom of the different sorts extends over nearly the whole season, though the greatest show is to be expected in spring and early summer. The flowers of the Calycanthus, Mock Orange and others are also delightfully fragrant.

Price 15 Cents. Unless Noted.

SHRUBS.

ALTHEA, OR ROSE OF SHARON.

Flowers are of large size, bell-shaped, very double and full, and of various brilliant and striking colors; they are borne in great profusion in August and September, when other flowers are scarce. The plant is of regular and compact growth, with deep, glossy green leaves; it thrives in all ordinary situations and is entirely hardy in the Middle States. It makes beautiful ornamental hedges; sure to attract admiration wherever seen. We offer two, bright distinct colors. Double Rose and Double White.
Variegata. A beautiful and distinct variety; regular and compact growth; half of each leaf is deep green and half pure white; large, very double, bright pink flowers; very desirable. 25c.

HYDRANGEA PANICULATA GRANDIFLORA.

(For Description see page 63.)

CYDONIA JAPONICA. (*Japan Quince.*)

Alba. A beautiful variety with white and blush flowers, blooming from April to June.
Rubra Flora Plena. Similar to Alba, with semi-double red flowers.

CALYCANTHUS.

Flowers purple, very double and deliciously fragrant; blooms at intervals during the season; old and much esteemed.

DEUTZIA.

Crenata. Height four feet; similar growth and habit to Gracilis. Flowers very double, pure white, beautifully tinged with rose; hardy and fine.
Crenata Variegata. Flowers similar to the preceeding; leaves green, mottled with white.
Fortunii. One of the most beautiful and profuse blooming varieties, growing from two to three feet high; pure white flowers.
Gracilis. Height, two to three feet, regular and compact form, very bushy; a charming shrub. Flower pure white, blooms profusely. Very hardy and desirable.

FORSYTHIA.

Suspensa. A beautiful hardy shrub of weeping habit; bright yellow flowers, blooming early in the spring.

HYDRANGEA.

Paniculata Grandiflora. A hardy flowering shrub, suitable for lawns. The flowers are pure white afterwards changing to pink, and are borne in immense pyramidal trusses. It blooms in midsummer, and remains in bloom two or three months. The plant is of bushy and compact growth, and is perfectly hardy in all parts of the country.

PHILADELPHUS. (*Mock Orange.*)

Coronarius. A rapid growing, medium sized shrub, with very fragrant white flowers,
Coronarius Flora Plena. Double flowering variety.

PRUNUS. (*Double Flowering Almond.*)

An old plant too well known to need any description, of which we have the white variety only.

SPIREA.

Billardi. Fine spikes of beautiful rose colored flowers: blooms profusely in July and August; very desirable.
Callosa Alba. A new, white flowering spirea of dwarf habit; very fine, perfectly hardy; blooms in July and August; one of the most desirable.
Reevesii, Fl. Pl. A beautiful shrub with narrow leaves; bears fine clusters of double white flowers. One of the finest shrubs grown.
Prunifolia. Height four feet; very beautiful: flowers perfectly double like white Daisies; blossoms in May.

SYRINGA. (*Lilac.*)

Alba. The white is always scarce, the demand for it is so constant. Blooms are borne in large heads like the old purple variety, but are pure white and fragrant. **25c.**

VIBURNUM. (*Snow Ball.*)

A well-known shrub, attains a height of eight or ten feet; produces its showy white flowers in large balls or masses in June.

WEIGELIA.

Amabilis Alba. Pure white; very beautiful.
Hortensis Rubra. Flowers deep red when in bud, and nearly white when open.
Van Houtei. This is one of the most charming shrubs in cultivation: it cannot be too highly recommended: the flowers are large and of a deep rose color; they are borne in such profusion that the whole plant appears a mass of lovely bloom.
Variegata. Deep green leaves with a broad margin of pure white around each: very striking and pretty; rose colored flowers, same as the preceeding variety, but smaller growth. **35c.**

VINES.

Price, 15 Cents Each Unless Noted.

AMPELOPSIS.

Veitchii. Leaves comparatively small, forming a dense mass of foliage which is colored with crimson and scarlet in the fall. Very handsome. **20c.**
Bipinata. The foliage is divided and of a beautiful shade of green. A rapid grower. **35c.**
Quinquefolia. (*American Ivy.*) Perfectly hardy: a vigorous grower covering a large space in a short time, remaining green during summer, changing to bronze in autumn. **25c.**

BIGNONIA GRANDIFLORA. (*Trumpet Creeper.*)

Hardy, fast grower, suitable for covering dead walls, back buildings, fences, etc.; produces in August large orange red, trumpet shaped flowers in clusters.

CLEMATIS.

Coccinea. Strong plants grow to the height of twelve feet, covered with numerous bright coral scarlet flowers from July to the end of October; it is entirely distinct from other climbers in its elegant growth, freedom of flowering and general effect; as a cut flower it lasts well. **35c.**

Viticella. (*Blue Bells.*) A strong, hardy grower, with pretty green leaves and a profusion of dark blue and purple flowers; suitable for trellis. **25c.**

Virginiana. A hardy, rapid growing vine that will cover unsightly objects nearly as effectually as if buried in the earth; mist-like, pure white, fragrant flowers; very dense, dark green foliage, and highly curious and ornamental seed vessels. **25c.**

HONEYSUCKLE.

Chinese Evergreen. Hardy, vigorous grower; blooms nearly all the season; deliciously fragrant; flowers buff, yellow and white; very desirable for veranda and trellis work.

Golden. An elegant and very desirable variety of moderate growth; leaves beautifully veined and netted with pure yellow, so that the prevailing color of the foliage is bright yellow; flowers yellow and fragrant; admirable for pillar and trellis work.

Halliana. A variety lately introduced, considered a great acquisition; it is evergreen, and a constant bloomer; flowers pure white, changing to yellow; very fragrant; good for trellis or pillar.

Scarlet Monthly Trumpet. A hardy, rapid grower, suitable for rock work, etc.; bright red trumpet-shaped flowers.

WISTERIA.

Frutescens. Shrubby; flowering in clusters; flowers pale blue. Fine. **50c.**

PERENNIAL PHLOXES.

A most beautiful and valuable class of plants, only lately brought into prominence through the beautiful and varied colors of the new introductions. An assortment of them should be found in every garden; the ease with which they are cultivated, their perfect hardiness, and their extended season of blooming, render them eminently desirable and we can recommend them highly as hardy bedding plants. In color they range from pure white, and white with fine colored eyes, through the most charming shades of rose, salmon and red, to dark crimson and purple. They delight in a rich, moist soil and should be liberally dressed with good, rotten manure. Beds of this magnificent class of plants, such as have been in full flower on our grounds, form novel and striking objects, attracting the attention of all passers by. The varieties we describe below are among the finest grown.

Price, 15 Cents Each.

Auguste Rivier. Bright salmon red flowers in large heads.
Charles Turner. Cerise violet, with a copper hue.
Mad. de Vatismenil. White, with a large dark rose centre.
Richard Wallace. Pure white; with a large colored eye; flowers finely formed in large panicles.
Virgo Maria. Pure white, one of the best.
White Queen. Fine white.

HORTICULTURAL AND GARDENING TOOLS.

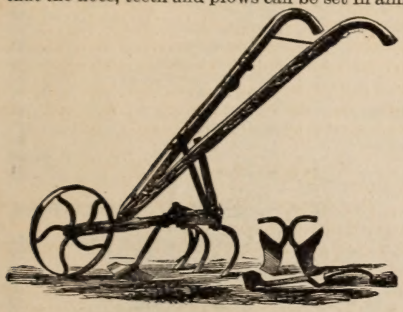
For the convenience of those wishing tools for the garden, we keep in stock the following list which will be forwarded by Express or Mail, at prices quoted:

The Gem of the Garden: Hand Wheel Hoe and Cultivator.

As lately improved, this implement is offered to gardners and others with the assurance that it is fully up to the times, and the most effective and convenient tool of the kind yet invented.

The working parts of the "Gem" are: 2 scuffle or cutting blades, one 4½, and one 9 inches wide; 2 plows, right and left hand; 5 stirring teeth; all made of best steel.

The wheels and handles of the "Gem" are both adjustable in height while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle.

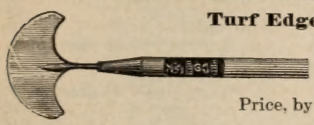


The scuffle hoe makes a clean cut and is followed by the teeth—five or less—which thoroughly pulverize the soil, and drag out and expose to the sun the roots of the weeds cut by the hoe. In use, keep the tooth on the right, quite as far out as the end of the hoe, using it as a guard; being of such slender shape it will not throw dirt enough to cover small plants. The hoes, of thin steel, and presenting nearly a straight line to the work, avoid "dodging," so common to tools of this kind.

Over five hundred of these machines have been sold during the past three years, to the greatest satisfaction of the buyers. Many have said they would not be without it for double the cost, and all agree that it is by far the **Cheapest and Best** article of the kind made.

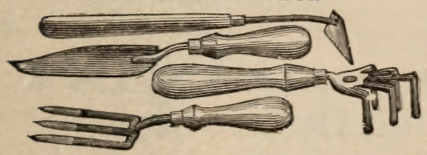
☞It is sold with the privilege of **returning** if not entirely satisfactory. Price, boxed, by Express, **$5.00.**

Turf Edger.



Price, by Express, **75c.**

Ladies' Garden Set.

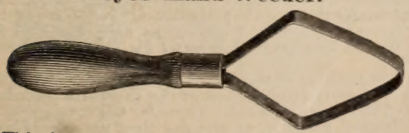


Four pieces. Price, by Express, **75c.**, by Mail, **$1.25.**

Excelsior Weeder.

A handy and efficient tool in the flower and vegetable garden, to be used when weeds are small. By Express, **25c.**, by Mail **35c.**

Noyes' Hand Weeder.



This is an excellent little implement for hand weeding in the garden; it is especially valuable where the ground is baked and hard; has been in use for several years, giving great satisfaction. Price, by Express, **30c.** each, by Mail **40c.**

Hazeltine Hand Weeder.

A new and valuable implement in the same line of work as the two preceeding, made of steel. A good tool. Price, by Express, **50c.**, by Mail, **60c.**

New Steel Trowel.

This has been especially made for hard usage, being of one solid piece of steel, which passes entirely through the handle and is then riveted. We have never heard of one breaking, which happens so frequently with the common trowels. Those who have been troubled in this way with the ordinary trowels, will be glad to obtain this. Price, by Express, **50c.**, by Mail, **65c.**

Scuffle Hoes.

Three sizes; 6, 7 and 8 inches wide. Price, by Express, each, **40c.**, **50c.** and **60c.**, postage extra, **20c.** each.

Transplanting Trowel.

Solid steel; each, by Express, **50c.**, by Mail, **60c.**

Pruning Knife.

Two sizes, each, by Mail or Express, **75c.** and **$1.00.**

Garden Dibber.

Price, by Express, **50c.**, by Mail, **65c.**

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Special Premiums!

FOR THOSE WHO ORGANIZE CLUBS.

It seems no more than right that those who spend considerable time in forming clubs should be well compensated. Last year we gave special premiums to the five persons sending us the largest amount in Club orders during the season. This gave such satisfaction to the successful competitors, we are induced to offer substantially the same premiums this year, dividing them among ten competitors instead of five, thus giving more of an opportunity to those competing, to gain at least one of them.

Readers of these pages will notice our terms to Clubs are very liberal, but in addition to other premiums we will give **$50.00 worth of Plants** to the person sending us the largest amount of money in club orders. **$40.00 worth** to the one sending the second largest amount, **$30.00 worth** to the third, **$25.00 worth** to the fourth, **$20.00 worth** to the fifth, **$15.00 worth** to the sixth, **$10.00 worth** to the seventh and **$5.00 worth** each, to the **eighth, ninth** and **tenth.**

These plants are the same as described in this Catalogue, and consist of a very fine assortment of Roses, Geraniums, Fuchsias, Carnations, etc., in fact, embracing the most valuable of our bedding plants, as well as some of the choicest of our novelties. They have been selected with great care, and will be forwarded by Express, free, to the ten persons sending us the **Largest Amount in Club Orders before June 1st.**

The successful competitors for these ten prizes will be notified of the award on the date above, and if they prefer to select for themselves from this Catalogue, plants to the amount of the premium awarded them, they can do so by forwarding to us at once a copy of the plants desired. These we will prepare and grow during the summer, forwarding the same to them, free of expense, at any day they may designate **between the 15th of September and the 15th of October.** But in case no lists are sent us for delivery at the time just mentioned, or in case the plants are wanted at once, we shall forward as soon after June 1st as possible, those we have selected and reserved for this purpose.

The names of the successful competitors, with the amounts sent by each, will be published in our fall Catalogue.

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MAD. JOSEPH SCHWARTZ.

(For Description see page 19.)